

Cadent Gas Limited

Report for the six months ended 30 September 2022

This interim management report has been prepared for the Cadent Gas Limited Group, which comprises Cadent Gas Limited, Cadent Finance Plc, Cadent Gas Pension Trustee Limited, Cadent Gas Pension Property Company 1 Limited, Cadent Gas Pension Property Company 2 Limited and Cadent Gas Pension Services Limited. Results are consolidated at Cadent Gas Limited, the operating company for the Group, and the ultimate parent company is Quadgas Holdings TopCo Limited.

Operations

The Group's principal activity during the period was the ownership of and operation of regulated gas distribution networks. The Group plays a vital role in connecting millions of people safely, reliably and efficiently to the gas they use.

We are the largest gas distribution company in the UK; we own and operate four of the eight regional gas distribution networks in Great Britain. Our networks comprise over 131,000 kilometres of gas distribution pipeline and we transport gas from the gas national transmission system to over 11 million homes and businesses from the Lake District to London and from the Welsh Borders to the East Coast, on behalf of 60 principal gas shippers. Over 80% of UK homes rely on gas for heating as well as large manufacturers, businesses and commerce being reliant on gas to fuel their operations. At peak times the gas network supplies over four times more energy than the electricity network.

As the UK's largest gas distribution network, Cadent is a leading voice on the importance of hydrogen in the future energy mix to achieve our net zero ambitions. We continue to champion a whole systems approach to decarbonisation, emphasising the role of hydrogen as a low carbon alternative to natural gas. We have worked closely with BEIS in supporting their Heat and Buildings Strategy and Hydrogen Strategy with a view to ensuring hydrogen is an integral part of the energy mix from 2026 and are actively engaging with Government and regulators to build awareness of the opportunities offered by green gases in the journey towards net zero.

We have also been successful in getting to the next phase of the hydrogen village trials and are now progressing with the design and home surveys required to convert the gas network of a 2,000-home village from natural gas to hydrogen. If we are successful in the hydrogen village competition, we will progress to the full roll-out of our Hydrogen Village in Whitby, Ellesmere Port, alongside our partner British Gas from 2025. This will be instrumental in demonstrating decarbonised heat at scale and provide the critical evidence to enable the 2026 Heat Policy decision on the role of hydrogen in heating buildings.

A small proportion of a typical household gas bill goes towards the cost of maintaining our gas network. Through a continued focus on innovation and efficiency improvements we are committed to reducing our costs by over £500 million by 2026, which supports providing for a real reduction in customer gas bills over time. In 2021/2022 a typical domestic customer paid £132 towards the cost of our services, down from £158 at the start of RII0-1 adjusting for the impact of inflation. We continue to work with industry and Ofgem to ensure we do everything we can to keep our proportion of the gas bill as low as possible.

We remain committed to supporting communities and customers in vulnerable situations. We have refocused our efforts with the Cadent Foundation to help households find sustainable solutions to fuel poverty and ensure people are safe and warm in their homes and to work with charitable organisations to address the root causes and impact of fuel poverty, helping households improve their financial wellbeing and become more energy efficient through advice, support and practical measures.

The increase in gas prices had a wide impact on our industry and a number of shippers and gas suppliers ceased trading in the last financial year. Our exposure to credit losses from these counterparties is mitigated in most cases by the protection given by the Uniform Network Code (the industry governance contract). The Code requires customers to provide security for their transportation services, requires them to pay monthly and links to a supplier of last resort (SoLR) process which ensures a defaulting shipper's customers are reallocated to another shipper who picks up forward liabilities. At 30 September 2022, the outstanding debt with these failed customers was £8.5 million, which remains outstanding and is subject to our existing credit procedures.

Cadent Gas Limited

Interim management report (continued)

Operations (continued)

Ofgem appoint a Supplier of Last Resort (SoLR) when an existing supplier fails to ensure continuity in the supply of gas to end customers. The appointed SoLR is entitled to make a claim to cover costs incurred in taking on the customers, which is apportioned between the gas distribution networks (including Cadent). Under the terms of our Licence claims are paid in parallel with the receipt of additional compensating income. In the first 6 months of this year Cadent has paid claims amounting to £172 million to its SoLR and has received additional compensating income of £172 million. The continued flow of gas to people's homes and business is of upmost importance and we will continue to work collaboratively with Ofgem to support suppliers and shippers.

In the first half of the year, the Group delivered revenue of £1,147 million; an increase of £151 million on the comparative period. This was mainly due to an increase due to inflation, both for the year 2022/23 and the "truing up" of the revenue for the higher actual inflation rate when compared to the rates used when setting 2021/22 charges, higher gas prices and higher allowed revenues following the Competition Market Authority (CMA) decision in relation to Ofgem's Final Determination for RIIO-2. Non-regulated revenue decreased by £28 million as a result of the lower number of diversions being completed.

Operating costs have increased by £52 million to £672 million (2021: £620 million). Operating costs before exceptional items have increased due to the effects of higher gas prices increasing our shrinkage costs to £37 million (2021: £16 million), higher depreciation of £196 million (2021: £188 million) offset by a decrease to exit capacity charges to £79 million (2021: £85 million) due to the implementation of a new charging methodology. The majority of these cost increases are recoverable through our future revenues.

Finance costs before exceptional items and remeasurements for the period of £214 million (2021: £92 million) have increased due to the effects of higher inflation on index-linked debt and derivatives.

For the full year the Group remains on track to deliver stable returns with an ongoing focus on delivering a safe and reliable service to our customers.

Long-term strategy and business objectives

We provide the energy our customers need to stay safe, warm and connected. Our responsibility is to look after the gas pipes so they can continue to deliver safe, reliable and low carbon energy for years to come. We are continually finding smarter and more sustainable ways to develop our networks and work closely with local communities to deliver a high-quality service that our 11 million customers expect.

We submitted a robust and very ambitious business plan to Ofgem in December 2019 to enable us to lead the way in our role over the next five years from 2021 – 2026 (RIIO-2 price control). The plan was built on an extensive and tailored customer and stakeholder engagement programme, which we continue to engage with, to ensure we can continue to deliver a safe and reliable energy network now, and lead the development of a cleaner, greener future. The RIIO-2 price control was finalised last year and we have a clear plan to deliver our objectives during the regulatory period. We remain committed to providing the best for our customers and ensuring that Cadent can continue to deliver a safe and reliable energy network now and lead the development of a net zero future.

The objectives we have set are focused in four customer outcome areas:

- Providing a resilient network to keep the energy flowing;
- Tackling climate change and improving the environment;
- Delivering a quality experience for all of our customers and stakeholders; and
- Trusted to act for our communities.

The world has changed a lot since 2019 and we are very aware that over three million of our customers may now be living in fuel poverty, as the cost of living continues to increase and energy prices hit record highs. We have reviewed the strategic objectives in our plan, which remain highly relevant and important, in particular our focus on delivering outstanding safety and customer service standards, whilst driving over £500 million in efficiency savings, which will ultimately result in a lower customer gas bill.

Cadent Gas Limited

Interim management report (continued)

Long-term strategy and business objectives (continued)

Throughout the first eighteen months of the RIIO-2 regulatory period, we have invested in our network to deliver on our commitment to provide a resilient network for our customers as part of an overall investment of over £4 billion over the five-year regulatory period. Our ongoing mains replacement programme successfully transitioned to a new model on the 1 April 2021, utilising the skills and expertise of our Construction Management Organisations, together with the flexibility of working with a number of Local Delivery Partners. Our transformation activities which have been a key focus for our business are now largely complete, creating an organisation capable of delivering the levels of efficiency, reliability and service that our customers deserve and our Board expect.

We continue to lead the way to a cleaner, greener future by planning and collaborating with industry and key stakeholders to meet our net zero targets. We are seeking ways to reduce our own carbon footprint, aligned with the latest science-based methodologies for the gas and oil sector, through our mains replacement programmes and across our fleet. During 2022/23 we continue to look at our carbon footprint upstream and downstream of our supply chain. We recognise our responsibility to support the UK to meet its greenhouse gas target and have committed to our own reduction targets to reduce our carbon footprint as we progress through 2026. Our high standards of environmental performance focus on protecting and enhancing the environment through continuous improvement and key innovations to create long term benefits for society. We are committed to keeping people warm while protecting the planet and we can already see great progress as we inject biomethane into our network and trialling hydrogen blending at scale. By working closely with key industries and leaders in the UK economy we continue to be the overall lead for hydrogen blending projects across the gas distribution networks.

Going Concern

The Board's consideration of the going concern status of the company is an extension of our annual business planning process. The process includes financial forecasting, a robust risk management assessment, regular budget reviews as well as scenario planning incorporating industry trends, considering any emerging issues and economic conditions. Our business strategy aims to enhance our long-term prospects by making sure our operations and finances are sustainable.

The forecasts were considered against the ability to access existing undrawn facilities alongside the ability to access long-term debt markets. Despite ongoing current macro-economic factors including the significant uncertainty impacting inflation, energy prices, and the ongoing conflict in the Ukraine, it was concluded that sufficient liquidity headroom existed in the forecast and against the requirements of our banking covenants and no reasonably possible downside scenario existed wherein Cadent Gas Limited would be unable to continue as a going concern. After due consideration, it was recommended to the Board in November 2022 that the financial statements be prepared on a going concern basis.

Liquidity & financing arrangements

We maintain liquidity headroom to ensure that the Group can meet all financial obligations and to fund operations, even during periods of market disruption and times of uncertainty. The Group's operating cash flows available, or forecast to be available, including committed bank facilities and forward settling debt issuances, are required to be sufficient to meet capex, repex and working capital requirements for the next 12 months.

At 30 September 2022, Cadent Gas Limited had undrawn credit facilities and cash totalling £610 million (31 March 2022: £593 million) made up of available Revolving Credit Facilities of £500 million, investments in short-term money funds of £81 million and cash of £29 million. We also retain the capacity to raise additional debt if required from both the debt capital and loan markets. On 4th November 2022, Cadent Gas Limited refinanced its outstanding debt facilities and an additional Revolving Credit Facility of £150 million was entered with maturity to November 2024.

There is one item of debt maturing within 12 months from the date of this report. This debt has a face value of £60 million and is linked to RPI. The carrying value of the debt as at 30 September 2022 is £98 million. There is sufficient liquidity headroom to cover this repayment following the recent finance activity conducted by the Group (see note 14).

Cadent Gas Limited

Interim management report (continued)

Results for the six months ended 30 September 2022

A summary of the key financial results is set out in the table below.

	Six months ended 30 September 2022 £'m	Six months ended 30 September 2021 £'m	Movement £'m
Revenue	1,147	996	151
Operating profit – Before exceptional items	475	376	99
Exceptional items	(2)	(10)	8
Operating profit	473	366	107
Profit before tax – Before exceptional items & remeasurements	277	288	(11)
Profit before tax	445	211	234
Profit/(loss) for the period	344	(218)	562
Capital investment	407	355	52

Revenue

Total Group revenue for the period was £1,147 million (2021: £996 million) comprising £1,122 million (2021: £943 million) of regulated allowed revenue and £25 million (2021: £53 million) from non-regulated activities. The £179 million increase in regulated allowed revenue was mainly due to an increase in inflation, both for the year 2022/23 and the “truing up” of the revenue for the higher actual inflation rate when compared to the rates used when setting 2021/22 charges, higher gas prices and higher allowed revenues following the Competition Market Authority (CMA) decision in relation to Ofgem’s Final Determination for RII0-2. The £28 million decrease in non-regulated revenues is mainly as a result of the lower number of diversions being completed.

Operating profit before exceptional items

Operating profit before exceptional items is a non-IFRS performance measure used by management to aid comparability of results between periods (see note 4). As such, it excludes significant business transactions and should not be used in isolation but considered alongside IFRS measures. The nearest equivalent IFRS measure is operating profit, which is presented on the condensed consolidated income statement and reconciled above.

Operating profit before exceptional items for the period was £475 million (2021: £376 million), with revenue of £1,147 million (2021: £996 million) offset by £672 million (2021: £620 million) of operating costs excluding exceptional items. Operating costs before exceptional items have increased by £52 million largely due to the effects of higher gas prices increasing our shrinkage costs to £37 million (2021: £16 million), higher depreciation of £196 million (2021: £188 million) offset by a decrease to exit capacity charges of £79 million (2021: £85 million) due to the implementation of a new charging methodology. The majority of these cost increases are recoverable through our future revenues.

Finance income and costs

Finance income for the period was £16 million (2021: £4 million) due to an increase in interest income from pension assets. Finance costs before exceptional items and remeasurements for the period of £214 million (2021: £92 million) have increased due to the effects of higher inflation on index-linked debt and derivatives.

Cadent Gas Limited

Interim management report (continued)

Exceptional items and remeasurements

Included within total operating profit of £473 million (2021: £366 million) are exceptional items of £2 million (2021: £10 million). Cadent is undergoing an operational transformation programme to improve efficiency of operations by restructuring the business. During the period the group have recognised a further £2 million in exceptional costs bringing cumulative costs to £51 million since the beginning of the restructure in 2019. These activities are infrequent and exceptional in nature.

Remeasurement gains of £170 million (2021: losses of £67 million) have been recognised within finance costs in relation to the remeasurement of derivatives. This is due to changes in the mark-to-market values of index-linked swaps (RPI & CPI), which have been impacted by the relatively large increase in the interest rate curve in the period, reducing the NPV of the future index linked cashflows, as well as a combination of changes in market forecasts of RPI and CPI.

Profit/(loss) for the period

The Group made a profit after tax of £344 million (2021: loss of £218 million). This is largely due to an increase operating profit from higher revenue, a reduction in total interest charge (largely from the movement in remeasurements) and a reduction in tax charge (last year included an exceptional tax charge of £387 million due to the tax rate change from 19 to 25%).

Dividend

During the first half of the year, the company paid an interim ordinary dividend of £175 million (2021: £Nil). The decision to pay a dividend in the period was a matter of consideration for the Board. The Board considered the continued strong customer and operational performance improvements seen across regulatory measures, the level of investment and efficiency of delivery relative to regulatory totex allowances that enables significant investment in the network, and the successful work being undertaken by Cadent to implement its strategy in relation to being a Force for Good. In making the decision, all of the above factors were taken in to account, as well as reviewing the dividend policy and satisfying itself that a series of economic tests could be met.

Capital investment

Capital investment was £407 million (2021: £355 million) comprising £Nil million (2021: £15 million) of intangible assets and £407 million (2021: £340 million) of tangible assets. Tangible asset additions are mainly comprised of £343 million (2021: £290 million) of plant and machinery with the majority relating to our ongoing mains replacement programme with 846km being replaced in the period (2021: 743km). Remaining additions comprise £32 million (2021: £25 million) of assets in the course of construction, £12 million (2021: £13 million) of right-of-use assets, land and buildings £8 million (2021: £5 million) and motor vehicles £12 million (2021: £7 million).

Financial position

Net assets increased by 3.9% to £2,613 million (31 March 2022: £2,514 million). The main movements in the balance sheet items were an increase in property, plant and equipment and intangible fixed assets of £200 million arising from capital investment offset by depreciation and amortisation.

The company operates its own DB pension arrangement, the Cadent Gas Pension Scheme (CGPS-'the scheme'), for certain employees. Membership of the defined contribution scheme, MyPension, is offered to all new employees. On an IAS 19 basis the defined benefits pension scheme is in a net asset position of £947 million at 30 September 2022 (31 March 2022: Net asset of £1,083 million). There is an overall decrease in the defined benefit obligation of £1,527 million. This was mainly due to a significant increase in corporate bond yields (which drive the discount rate) resulting in a reduction in the defined benefit obligation of £1,672 million. This was partially offset by an increase of £238 million due to actual inflation over the 6 months to 30 September 2022 being higher than that assumed at 31 March 2022 and an overall decrease in assets due to actual returns being lower than interest income.

Cadent Gas Limited

Interim management report (continued)

Financial position (continued)

The significant decrease in the Scheme's asset and liability values was largely driven by a significant movement in gilts markets. In particular, the 'mini budget' announced by the government on 23 September caused rapid sales of government bonds which further depressed gilt markets. As well as impacting IAS 19 valuations, the Scheme was required to utilise high-quality liquid assets to meet collateral requirements on the liability-driven investment (LDI) portfolio. These short-term liquidity pressures did not impact the security of pension benefits.

The Group has net debt of £7,107 million (31 March 2022: £7,214 million). Net debt is a non-IFRS measure which shows the overall debt situation and is calculated by netting the value of the company's gross borrowings, derivatives and lease liabilities with its cash and other similar short-term financial assets. The closest IFRS measure is gross borrowings. The Group has gross borrowings of £7,083 million (31 March 2022: £6,967 million). See note 10 for the reconciliation of gross borrowings with net debt.

The Group continues to have at its disposal sufficient undrawn, committed borrowing facilities at competitive rates for the medium term. At 30 September 2022, Cadent Gas Limited had undrawn credit facilities and cash totalling £610 million (31 March 2022: £593 million) made up of available Revolving Credit Facilities of £500 million (31 March 2022: £500 million), investments in short-term money funds of £81 million (31 March 2022: £80 million) and cash of £29 million (31 March 2022: £13 million).

Cash flow

Net cash inflow from operating activities for the six months ended 30 September 2022 was £658 million (30 September 2021: £520 million) with the increase due to higher operating profit, together with higher trade and other payables and higher cash received from capital contributions. This has been offset by higher trade and other receivables largely driven by an increase in the regulated revenue and higher pension deficit repayments being made in the current period.

Events after the balance sheet date

On 25 October 2022 Cadent Finance Plc, a subsidiary of Cadent Gas Limited, issued c.£300 million GBP equivalent of private fixed rate notes on a deferred draw basis:

- \$65 million funding 25 April 2023 and maturing 25 April 2030 with a coupon rate of 6.15%, which is swapped to GBP £57.4 million at a rate of 6.36%,
- \$75 million funding 25 July 2023 and maturing 25 July 2030 with a coupon rate of 6.21%, which is swapped to GBP £66.3 million at a rate of 6.44%,
- £100 million funding 31 January 2023 and maturing 31 January 2030 with a coupon rate of 6.22%,
- £30 million funding 15 December 2022 and maturing 15 December 2032 with a coupon rate of 6.28%, and
- £45 million funding 31 January 2023 and maturing 31 January 2033 with a coupon rate of 6.28%.

These notes are guaranteed by and proceeds were lent to Cadent Gas Limited on matching terms.

On 4th November 2022, Cadent Gas Limited refinanced its outstanding debt facilities. The undrawn Revolving Credit Facility of £500 million was replaced to extend the maturity to November 2027 (previously to July 2026) and a new Revolving Credit Facility of £150 million was entered with maturity to November 2024. The Group continues to have at its disposal sufficient undrawn, committed borrowing facilities at competitive rates for the medium term.

Related party transactions

There have been no material changes in the related party transactions described in the last Annual Report and Accounts.

Cadent Gas Limited

Interim management report (continued)

Performance Highlights

To enable us to achieve the standard of service we aspire to, we monitor our performance in implementing our strategy with reference to clear targets set for key performance indicators (KPIs). These KPIs are applied on a Group wide basis. Performance in the six months ended 30 September 2022 (where available as some are annual figures) and the targets are set out in the table below, together with the prior year performance data for the year to 31 March 2022 and the six month period to 30 September 2021.

Strategic priorities	KPIs	Definition	Performance
Delivering a safe and reliable network	Safety	Lost time injuries frequency rate Any injury to employee or contractor resulting in time off work (injuries per million hours worked).	2022/23 half year: 0.42 2021/22: 0.55 2021/22 half year: 0.74 (Target: 0.54) ¹
Providing a resilient network to keep the energy flowing	Kilometres of network replaced	Kilometres of network replaced Number of kilometres of main pipe replaced.	2022/23 half year: 846km 2021/22: 1,679km 2021/22 half year: 743km (Full year target 2022/23: 1,616km) ²
Performing for our customers and communities	Customer satisfaction	Customer satisfaction Our score in customer satisfaction surveys. Ofgem set a baseline target.	2022/23 half year: 9.21 2021/22: 9.05 2021/22 half year: 8.92 (Target: Higher than 8.75) ³
	Complaints	Complaints handling Percentage of complaints handled within 1 day.	2022/23 half year: 90.8% 2021/22: 84.4% 2021/22 half year: 79%
Tackling climate change	Incidents	Environmental incidents Number of serious environmental incidents	2022/23 half year: 0 2021/22: 0 2021/22 half year: 0 incidents (Target: No serious incidents) ⁴
	Waste	Waste Performance Average tonnes of waste per month	2022/23 half year: 98.8 2021/22: 117.5 2021/22 half year: 131.2 (Target: less than 133 tonnes per month) ⁵

1 Both target and actual is an annual 12-month rolling number

2 Our programme has been developed to deliver our output of length replaced across all of our networks economically and sustainably over the five-year RIIO period rather than on an individual year basis.

3 Figures represent our baselines targets set by Ofgem for rewards or penalty.

4 Serious incident causing significant environmental harm or damage

5 Spoil, PE pipe and recycled waste are excluded from this measure as they are subject to separate targets.

Further details of our priorities are disclosed in the Annual Report and Financial Statements 2021/22.

Cadent Gas Limited

Interim management report (continued)

Delivering our 2022/23 Priorities

Our gas network plays a critical role in delivering safe and reliable heating to over 80% of domestic homes and fuelling major industry, businesses, schools and hospitals in England. We continue to maintain, repair and replace gas pipes and associated infrastructure which will prepare us to meet the country's net zero commitments and ensure the safe and reliable flow of gas.

We are committed to driving down the emissions from our operations. With an estimated 97% of our current emissions relating to leakage from our iron and steel pipe network we are prioritising activities to reduce leakage with a further commitment to reach a net zero non-leakage business carbon footprint ('BCF') by the end of the RIIO-2 period. We have replaced a further 846km of iron mains in the first half of the year and are on track to deliver our annual mains replacement target of 1,616km.

We are a leading voice on the importance of hydrogen in the future energy mix to achieve our net zero ambitions. We are actively engaging with many stakeholders, including Government and regulators, to demonstrate the opportunities and benefits of hydrogen as the UK moves to a low carbon future. We continue to invest significant funds into hydrogen development and lead several projects and trials.

Managing the environment is about more than just reducing risk and minimising our impact; it's about implementing best practice environmental solutions to drive efficiency, save money and preserve natural resources. We're working with the Carbon Trust to pursue accreditation of our goals and programmes from the Science Based Targets Initiative. Responding to the urgent need to decarbonise the energy system, we're applying whole energy system thinking to support decarbonisation and the energy system transition, as well as wider stakeholder-driven environmental and economic considerations, including clean air and economic growth.

Cadent's ongoing transformation which saw the mobilisation of our new contracting model for mains replacement and continuing progress against the People Framework introduced in 2021 to facilitate a happy, engaged workforce to deliver for our customers are now largely complete, creating an organisation capable of delivering the levels of efficiency, reliability and service that our customers deserve. Our operational teams continue to go above and beyond, with our customer satisfaction metric seeing improvement from 31 March 2022.

We continue to focus on our learning and development strategy and have worked with teams to review training needs, refresh current programmes and propose recommendations. The full learning strategy will be launched during the course of the year. In addition to the cultural transformation, a refreshed approach to customer training for our Customer Centre is being implemented across our operational colleagues.

One of our key priorities at this time is keeping our employees and customers safe. We are committed to improving our safety record, delivering a Lost Time Injury Frequency Rate of 0.42. We have maintained our focus on ensuring our colleagues and contractors are safe whilst at work, and that members of the public are safe in the vicinity of our works.

We are committed to equality, diversity and inclusion. We have taken great strides to strengthen our position towards our vision that we are a diverse and inclusive organisation representative of the communities we serve, where everyone has an equal chance to succeed and be themselves. So far this year, we have added 3 working groups aligned to our strategic Equality Diversity & Inclusion (ED&I) priorities of the employee lifecycle, anti-racism and inclusive leadership, to drive change at pace. This is alongside our 5 existing employee communities and our ED&I Steering Group comprising senior leaders. We have reviewed our ambitions and continue to strive to make Cadent an inclusive workplace where everyone can be themselves.

We remain committed to supporting communities and customers in vulnerable situations and to date have donated £20.2 million to the Cadent Foundation. The aim of the Foundation is to help households find sustainable solutions to fuel poverty and ensure people are safe and warm in their homes. It works with charitable organisations to address the root causes and impact of fuel poverty, helping households improve their financial wellbeing and become more energy efficient through advice, support and practical measures.

Cadent Gas Limited

Interim management report (continued)

Risks and uncertainties

There are a number of potential risks and uncertainties which could have a material impact on the Group's performance over the remaining six months of the financial year and could cause actual results to differ materially from expected and historical results. Despite the recent financial turmoil impacting the UK economy, the Directors do not consider that the principal risks and uncertainties have changed since the publication of the Annual Report and Financial Statements for the year ended 31 March 2022. A detailed explanation of the risks and how the Group seeks to mitigate the risks, can be found on pages 69 to 73 of the Annual Report and Financial Statements for the year ended 31 March 2022. Below is a summary of our key risks as at 30 September 2022:

- Changes in the external policy landscape
- Climate change and biodiversity
- Cyber breach, data issues or critical system failure
- Effectively managing assets and maintaining network reliability
- Health, safety, environment and security
- Legal and regulatory compliance
- Macroeconomic and financial risk
- Protecting customers' interests
- Resilience (including Pandemic risk)
- Securing critical resources and engagement

Going concern

As stated in note 1 these condensed consolidated financial statements, having made enquiries and reviewed management's assessment of going concern, the Directors are satisfied that the Group has sufficient resources to continue in operation for the foreseeable future, a period of not less than 12 months from the date of this report. Accordingly, they continue to adopt the going concern basis in preparing the financial statements.

Auditor

Following the completion of the 2021/22 audit process, Deloitte LLP have been re-appointed as auditor of the Quadgas Holdings TopCo Limited Group and its subsidiaries including Cadent Gas Limited.

Cautionary statement

This Interim Management Report (IMR) has been prepared solely to provide additional information to shareholders to assess the Group's strategies and the potential for those strategies to succeed. The IMR should not be relied on by any other party or for any other purpose.

The IMR contains certain forward-looking statements. These statements are made by the Directors in good faith based on the information available to them up to the time of their approval of this report but such statements should be treated with caution due to the inherent uncertainties, including both economic and business risk factors, underlying any such forward-looking information.

By order of the Board,



A O Bickerstaff

Director

24 November 2022

Pilot Way, Ansty, Coventry, CV7 9JU

Cadent Gas Limited

Statement of Directors responsibilities

The half year financial information is the responsibility of and has been approved by the Directors. The directors confirm that the financial information has been prepared in accordance with the United Kingdom Adopted International Standard 34 'Interim Financial Reporting'.

The Directors of Cadent Gas Limited during the period and up to the signing of the condensed financial statements are as listed in the Cadent Gas Limited Annual Report and Financial statements for the year ended 31 March 2022 with the exception of the following changes to the Board:

- On 24 May 2022 N R V Corrigall was appointed as Director of Cadent Gas Limited.
- On 24 May 2022 H C Higgins resigned as Director of Cadent Gas Limited.
- On 31 August 2022 J Korpancova resigned as a Director of Cadent gas Limited.

By order of the Board,



A O Bickerstaff

Director

24 November 2022

INDEPENDENT REVIEW REPORT TO CADENT GAS LIMITED

Conclusion

We have been engaged by the company to review the condensed set of financial statements in the half-yearly financial report for the six months ended 30th September 2022 which comprises consolidated income statement, the condensed consolidated statement of comprehensive income, the condensed consolidated statement of financial position, the condensed consolidated statement of changes in equity, the condensed consolidated statement of cash flows and related notes. We have read the other information contained in the half-yearly financial report and considered whether it contains any apparent misstatements or material inconsistencies with the information in the condensed set of financial statements.

Based on our review, nothing has come to our attention that causes us to believe that the condensed set of financial statements in the half-yearly financial report for the six months ended 30th September 2022 is not prepared, in all material respects, in accordance with United Kingdom adopted International Accounting Standard 34.

Basis for Conclusion

We conducted our review in accordance with International Standard on Review Engagements (UK) 2410 "Review of Interim Financial Information Performed by the Independent Auditor of the Entity" issued by the Financial Reporting Council for use in the United Kingdom (ISRE (UK) 2410). A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with International Standards on Auditing (UK) and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

As disclosed in note 1, the annual financial statements of the company are prepared in accordance with United Kingdom adopted international accounting standards. The condensed set of financial statements included in this half-yearly financial report has been prepared in accordance with United Kingdom adopted International Accounting Standard 34, "Interim Financial Reporting".

Conclusion Relating to Going Concern

Based on our review procedures, which are less extensive than those performed in an audit as described in the Basis for Conclusion section of this report, nothing has come to our attention to suggest that the directors have inappropriately adopted the going concern basis of accounting or that the directors have identified material uncertainties relating to going concern that are not appropriately disclosed.

This Conclusion is based on the review procedures performed in accordance with ISRE (UK) 2410; however future events or conditions may cause the entity to cease to continue as a going concern.

Responsibilities of the directors

The directors are responsible for preparing the half-yearly financial report in accordance with the international accounting standards in conformity with the requirements of the Companies Act 2006. The financial statements also comply with International Financial Reporting Standards as issued by the International Accounting Standards Board (IASB). The condensed set of financial statements included in this half-yearly financial report has been prepared in accordance with International Accounting Standard 34 "Interim Financial Reporting".

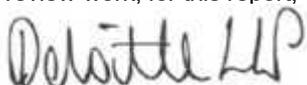
In preparing the half-yearly financial report, the directors are responsible for assessing the company's ability to continue as a going concern, disclosing as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the company or to cease operations, or have no realistic alternative but to do so.

Auditor's Responsibilities for the review of the financial information

In reviewing the half-yearly financial report, we are responsible for expressing to the company a conclusion on the condensed set of financial statements in the half-yearly financial report. Our Conclusion, including our Conclusion Relating to Going Concern, are based on procedures that are less extensive than audit procedures, as described in the Basis for Conclusion paragraph of this report.

Use of our report

This report is made solely to the company in accordance with ISRE (UK) 2410. Our work has been undertaken so that we might state to the company those matters we are required to state to it in an independent review report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the company, for our review work, for this report, or for the conclusions we have formed.



Deloitte LLP

Statutory Auditor

Birmingham, United Kingdom

24th November 2022

Cadent Gas Limited

Condensed consolidated income statement

Six months ended 30 September 2022

	Notes	Six months ended 30 September 2022 (unaudited)		Six months ended 30 September 2021 (unaudited)	
		£m	£m	£m	£m
Revenue			1,147		996
Operating costs			<u>(672)</u>		<u>(620)</u>
Operating profit					
Before exceptional items			475		376
Exceptional items	4		<u>(2)</u>		<u>(10)</u>
Total operating profit			473		366
Finance income	5		16		4
Finance costs					
Before exceptional items and remeasurements	5		(214)		(92)
Exceptional items and remeasurements	4		<u>170</u>		<u>(67)</u>
Total interest payable and similar charges	5		(44)		(159)
Profit before tax					
Before exceptional items and remeasurements			277		288
Exceptional items and remeasurements	4		<u>168</u>		<u>(77)</u>
Total profit before tax			445		211
Tax					
Before exceptional items and remeasurements	6		(59)		(61)
Exceptional items and remeasurements	4		<u>(42)</u>		<u>(368)</u>
Total tax	6		(101)		(429)
Profit/(loss) after tax					
Before exceptional items and remeasurements			218		227
Exceptional items and remeasurements	4		<u>126</u>		<u>(445)</u>
Profit/(loss) for the period			<u>344</u>		<u>(218)</u>

The results above relate to continuing operations.

Cadent Gas Limited

Condensed consolidated statement of comprehensive income

Six months ended 30 September 2022

	Six months ended 30 September 2022 (unaudited) £m	Six months ended 30 September 2021 (unaudited) £m
Profit/(loss) for the period	344	(218)
Other comprehensive income/(loss):		
Items that will not be reclassified to profit or loss		
Remeasurements of post-employment benefit obligations	(175)	229
Tax on items that will never be reclassified to profit or loss	44	(83)
Total items that will never be reclassified to profit or loss	(131)	146
Items that may be reclassified subsequently to profit or loss		
Net gains in respect of cash flow hedges	71	8
Net gains in respect of cost of hedging reserve	8	-
Amortisation of cost of hedging reserve	3	2
Tax on net gains in respect of cash flow hedge reserve and cost of hedging reserve	(21)	(1)
Total items that may be reclassified subsequently to profit or loss	61	9
Other comprehensive (loss)/income for the period, net of tax	(70)	155
Total comprehensive income/(loss) for the period	274	(63)

The results reported above relate to continuing operations.

Cadent Gas Limited

Condensed consolidated statement of financial position

As at 30 September 2022

		As at 30 September 2022 (unaudited) £m	As at 31 March 2022 (audited) £m
	Notes		
Non-current assets			
Intangible assets		59	70
Property, plant and equipment	8	11,022	10,811
Pension and other post-retirement benefit assets	11	947	1,083
Derivative financial assets	9	114	7
Trade and other receivables		1	1
Total non-current assets		<u>12,143</u>	<u>11,972</u>
Current assets			
Derivative financial assets	9	1	1
Inventories		11	11
Corporation tax		27	6
Trade and other receivables		212	179
Current asset investments	9	81	80
Cash and cash equivalents		29	13
Total current assets		<u>361</u>	<u>290</u>
Total assets		<u>12,504</u>	<u>12,262</u>
Current liabilities			
Trade and other payables		(511)	(418)
Borrowings	10	(23)	(43)
Lease liabilities	10	(12)	(10)
Provisions		(11)	(11)
Total current liabilities		<u>(557)</u>	<u>(482)</u>
Net current (liabilities)		<u>(196)</u>	<u>(192)</u>
Total assets less current liabilities		<u>11,947</u>	<u>11,780</u>
Non-current liabilities			
Derivative financial liabilities	9	(157)	(269)
Borrowings	10	(7,060)	(6,924)
Lease liabilities	10	(80)	(69)
Deferred tax liabilities		(1,957)	(1,929)
Provisions		(58)	(59)
Accruals and deferred income		(22)	(16)
Total non-current liabilities		<u>(9,334)</u>	<u>(9,266)</u>
Total liabilities		<u>(9,891)</u>	<u>(9,748)</u>
Net assets		<u>2,613</u>	<u>2,514</u>
Equity			
Share capital		-	-
Cash flow hedge reserve/(deficit)		38	(15)
Cost of hedging reserve		16	8
Retained earnings		7,852	7,814
Other deficit		(5,293)	(5,293)
Total equity		<u>2,613</u>	<u>2,514</u>

The notes on pages 17 to 25 are an integral part of the financial statements.

The condensed consolidated financial statements on pages 12 to 25 were approved for issue by the Board of Directors on 24 November 2022 and were signed on its behalf by:



A O Bickerstaff

Director

Cadent Gas Limited

Company registration number: 10080864

Cadent Gas Limited

Condensed consolidated statement of changes in equity

Six months ended 30 September 2022

	Share capital £m	Cash flow hedge (deficit)/ reserve £m	Cost of hedging reserve £m	Other deficit £m	Retained earnings £m	Total £m
At 1 April 2022	-	(15)	8	(5,293)	7,814	2,514
Profit for the period	-	-	-	-	344	344
Other comprehensive income/(loss) for the period excluding amortisation of cost of hedging reserve	-	53	5	-	(131)	(73)
Amortisation of cost of hedging reserve	-	-	3	-	-	3
Total comprehensive income for the period	-	53	8	-	213	274
Equity dividends (note 7)	-	-	-	-	(175)	(175)
At 30 September 2022 (unaudited)	-	38	16	(5,293)	7,852	2,613

	Share capital £m	Cash flow hedge deficit £m	Cost of hedging reserve £m	Other deficit £m	Retained earnings £m	Total £m
At 1 April 2021	-	(18)	10	(5,293)	7,656	2,355
Loss for the period	-	-	-	-	(218)	(218)
Other comprehensive income for the period excluding amortisation of cost of hedging reserve	-	7	-	-	146	153
Amortisation of cost of hedging reserve	-	-	2	-	-	2
Total comprehensive income/(loss) for the period	-	7	2	-	(72)	(63)
Equity dividends (note 7)	-	-	-	-	-	-
At 30 September 2021 (unaudited)	-	(11)	12	(5,293)	7,584	2,292

The cash flow hedge deficit in relation to the cross-currency interest rate swap contracts will be recycled to the income statement over the life of the hedged items.

Cadent Gas Limited

Condensed consolidated statement of cash flows

Six months ended 30 September 2022

	Six months ended 30 September 2022 (unaudited) £m	Six months ended 30 September 2021 (unaudited) £m
Cash flows from operating activities		
Total operating profit	473	366
Adjustments for:		
Exceptional items	2	10
Depreciation, amortisation and impairment	208	200
Decrease in inventories	-	3
(Increase)/decrease in trade and other receivables	(31)	50
Increase/(decrease) in trade and other payables	63	(27)
Capital contribution income	(11)	(36)
Changes in provisions	(1)	4
Loss on disposal of property, plant and equipment	(1)	(2)
Changes in pensions and other post-retirement obligations	(27)	(21)
Capital contributions received	40	28
Cash flows relating to exceptional items	(9)	(3)
Cash generated from operations	<u>706</u>	<u>572</u>
Tax paid	<u>(48)</u>	<u>(52)</u>
Net cash inflow from operating activities	<u>658</u>	<u>520</u>
Cash flows from investing activities		
Purchases of intangible assets	(1)	(7)
Purchases of property, plant and equipment	(400)	(453)
Disposals of property, plant and equipment	1	-
Net (increase)/decrease in financial investments	(1)	582
Net cash flow (used)/from in investing activities	<u>(401)</u>	<u>122</u>
Cash flows from financing activities		
Repayment of loans	-	(550)
Repayment of lease liabilities	(6)	(5)
Interest paid	(60)	(85)
Dividends paid to shareholders	(175)	-
Net cash flow used in financing activities	<u>(241)</u>	<u>(640)</u>
Net increase in cash and cash equivalents	16	2
Net cash and cash equivalents at the start of the period	<u>12</u>	<u>12</u>
Net cash and cash equivalents at the end of the period	<u>28</u>	<u>14</u>
Comprising:		
- Cash	29	20
- Overdraft	<u>(1)</u>	<u>(6)</u>
	28	14

Cadent Gas Limited

Notes to the condensed consolidated financial statements

Six months ended 30 September 2022

1 Basis of preparation and new accounting standards, interpretation and amendments

The Annual Report and Financial Statements of the company will be prepared in accordance with international accounting standards in conformity with the requirements of the Companies Act 2006 and UK-adopted International Financial Reporting Standards (IFRS Standards) as issued by the International Accounting Standards Board (IASB). The condensed set of financial statements included in this half-yearly financial report has been prepared in accordance with the United Kingdom adopted International Accounting Standard 34 "Interim Financial Reporting".

The half year financial information does not constitute statutory accounts as defined in Section 434 of the Companies Act 2006. It should be read in conjunction with the statutory accounts for the year ended 31 March 2022, which were prepared in accordance with IFRS as issued by the IASB, and have been filed with the Registrar of Companies. The auditor's report on these statutory accounts was unqualified and did not contain a statement under Section 498 of the Companies Act 2006.

Despite ongoing current macro-economic factors including the significant uncertainty impacting inflation, energy prices, and the ongoing conflict in the Ukraine, the company has not been significantly impacted. Having made enquiries and reassessed the principal risks, the Directors consider that the company and its subsidiary undertakings have adequate resources to continue in business, and that it is therefore appropriate to adopt the going concern basis in preparing the half year financial information.

In preparing this half year financial information, the areas of judgement made by management in applying the Cadent Gas Limited's accounting policies and the key sources of estimation uncertainty were the same as those that applied to the consolidated financial statements for the year ended 31 March 2022. Where we receive amounts from customers in relation to Supplier of Last Resort (SoLR) claims, we have deemed that we are operating as an agent in this transaction as we pay the amounts collected directly onto the SoLR with no control over the amount and we do not receive any commission. We therefore present the amounts collected and amounts paid on a net basis per the requirements of IFRS 15. In the first 6 months of this year Cadent Gas Limited has paid claims amounting to £172 million to its SoLR and has received additional compensating income of £172 million.

The half year financial information has been prepared in accordance with the accounting policies expected to be applicable for the year ending 31 March 2023 and consistent with those applied in the preparation of the accounts for the year ended 31 March 2022.

2 Segmental analysis

The Directors believe that the whole of the Group's activities constitute one single segment. Operating segments are reported in the manner consistent with internal reporting to the Chief Operating Decision Maker, which has been identified as the Executive Committee who report to the Board of Directors.

The Group's country of domicile is the United Kingdom and is the country in which it generates all of its revenue. The Group's assets are all located within the United Kingdom.

3 Seasonality

The volumes of gas distributed across network assets are dependent on levels of customer demand which are generally higher in winter months. As a result of this, the amounts reported for the interim period may not be indicative of the amounts that will be reported for the full year due to seasonal fluctuations in customer demand for gas and the impact of weather on demand, however the fluctuations do not have a significant impact on results.

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

4 Exceptional items and remeasurements

Exceptional items and remeasurements are items of income and expenditure that, in the judgment of management, should be disclosed separately on the basis that they are important to an understanding of our financial performance and may significantly distort the comparability of financial performance between periods. The disclosure and classification of exceptional items may not be comparable between companies, and the exclusion of exceptional items impacts the presentation of financial performance and cash flows.

In determining whether an item should be presented as exceptional in nature and hence adjusting the relevant IFRS measures, management utilises an exceptional items framework that follows a three-step process which considers the nature of the event, the financial materiality involved and any particular facts and circumstances. In considering the nature of the event, management focuses on whether the event is within the Group's control and how frequently such an event typically occurs. In determining the facts and circumstances management considers factors such as ensuring consistent treatment between favourable and unfavourable transactions, precedent for similar items, number of periods over which costs will be incurred or gains earned and the commercial context for the particular transaction.

Remeasurements comprise gains or losses recorded in the income statement arising from changes in the fair value of derivative financial instruments to the extent that hedge accounting is not achieved or is not effective.

	Six months ended 30 September 2022	Six months ended 30 September 2021
	£m	£m
Exceptional items included within operating costs:		
Restructuring costs (i)	<u>2</u>	<u>10</u>
	2	10
Remeasurements included within finance costs:		
Net (gains)/losses on derivative financial instruments (ii)	<u>(170)</u>	<u>67</u>
	(170)	67
Total included within profit before tax	<u>(168)</u>	<u>77</u>
Included within taxation:		
Exceptional charge arising		
Deferred tax charge arising as a result of the future change in the UK tax rate (note 6)	-	387
Tax on other exceptional items and remeasurements		
Tax (credit) on restructuring activities	-	(2)
Tax charge/(credit) on remeasurements	<u>42</u>	<u>(17)</u>
	42	368
Total exceptional and remeasurements after tax	<u>(126)</u>	<u>445</u>
Analysis of total exceptional items and remeasurements after tax (credit)/charge		
Total exceptional items after tax	<u>2</u>	<u>395</u>
Total remeasurement items after tax	<u>(128)</u>	<u>50</u>
	(126)	445

(i) The Group is undergoing an ongoing operational transformation programme to improve the efficiency of our operations by restructuring the business. During the period the group have recognised a further £2.3 million in exceptional costs bringing cumulative costs to £51 million since the beginning of the restructure in 2019. These activities are infrequent and exceptional in nature.

(ii) Net (gains)/losses on derivative financial instruments comprise gains and losses arising on derivative financial instruments reported in the income statement. These exclude gains and losses for which hedge accounting has been effective, which have been recognised directly in other comprehensive income or which are offset by adjustments to the carrying value of debt.

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

5 Finance income and costs

	Six months ended 30 September 2022	Six months ended 30 September 2021
	£m	£m
Finance income		
Interest income from pensions	14	4
Interest income from financial instruments	<u>2</u>	<u>-</u>
Finance income	<u>16</u>	<u>4</u>
Finance costs		
Interest expense on financial liabilities held at amortised cost:		
Bank loans and overdrafts	40	14
Bonds (i)	86	69
Derivatives (ii)	87	9
Other interest	<u>1</u>	<u>-</u>
Finance costs	<u>214</u>	<u>92</u>
Remeasurements		
Net (gains)/losses on derivative financial instruments included in remeasurements (iii):		
Ineffectiveness on derivatives designated as:		
Derivatives not designated as hedges or ineligible for hedge accounting	<u>(170)</u>	<u>67</u>
Remeasurements included within finance costs	<u>(170)</u>	<u>67</u>
Finance costs	<u>44</u>	<u>159</u>
Net finance costs	<u>28</u>	<u>155</u>

(i) Included within finance costs in bonds is £38 million of accretion on RPI-linked debt instruments with 7-10 year tenor (cumulative: £200 million) and £24 million RPI-linked debt instruments of > 10 years tenor (cumulative: £196 million).

(ii) Included within finance costs in derivatives is £33 million of accretion on RPI-linked swaps with tenor > 10 years (cumulative: £110 million), £47 million on CPI-linked swaps (cumulative: £87 million) with 7-10 years tenor and £20 million on CPI-linked swaps (cumulative: £30 million) with tenor > 10 years.

(iii) Includes a net foreign exchange loss on financing activities of £78 million (September 2021: £23 million loss). These amounts are offset by foreign exchange gains on derivative financial instruments measured at fair value.

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

6 Taxation

Tax charged to the income statement

	Six months ended 30 September 2022 £m	Six months ended 30 September 2021 £m
Tax before exceptional items and remeasurements	(59)	(61)
Exceptional tax relating to UK tax rate change (see note 4)	-	(387)
Tax on other exceptional items and remeasurements	(42)	19
Total tax expense	(101)	(429)

Taxation as a percentage of profit before tax

	2022	2021
Before exceptional items and remeasurements	21.3%	21.2%
After exceptional items and remeasurements	22.7%	203.3%

The effective tax rate before exceptional items and remeasurements of 21.3% for the period (six months to 30 September 2021: 21.2%) is higher (2021: higher) than the standard rate of corporation tax in the UK of 19%. The rate is higher than the standard rate of tax as a result principally of tax relief for capital items exceeding the related accounting depreciation in the period and deferred tax being provided on this temporary difference movement at 25% (being the anticipated rate of tax when the assets will reverse). The expected tax rate for the full year in respect of profit before exceptional items is 21.3% (2021: 20.7%).

The tax charge for the period can be analysed as follows:

	2022 £m	2021 £m
Current tax	(50)	(54)
Deferred tax	(51)	(375)
	(101)	(429)

7 Dividends

	2022 £m	2021 £m
Interim dividend of £1,035.32 per ordinary share amounting to £175,000,000 was declared on 22 September 2022 and paid on 27 September 2022	175	-

No further dividends are proposed for the current financial period.

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

8 Property, plant and equipment

	Land and buildings £m	Plant and machinery £m	Assets in the course of construction £m	Motor vehicles and other equipment £m	Right-of- use assets £m	Total £m
Cost						
At 1 April 2022	171	12,033	44	197	99	12,544
Additions	8	343	32	12	12	407
Reclassifications	11	2	(13)	-	-	-
Disposals	-	-	-	(2)	-	(2)
As at 30 September 2022	190	12,378	63	207	111	12,949
Accumulated depreciation and impairment						
At 1 April 2022	(32)	(1,541)	-	(133)	(27)	(1,733)
Charge for the period	(8)	(171)	-	(12)	(5)	(196)
Disposals	-	-	-	2	-	2
As at 30 September 2022	(40)	(1,712)	-	(143)	(32)	(1,927)
Net book value:						
As at 30 September 2022	150	10,666	63	64	79	11,022
At 31 March 2022	139	10,492	44	64	72	10,811

	Land and buildings £m	Plant and machinery £m	Assets in the course of construction £m	Motor vehicles and other equipment £m	Right-of- use assets £m	Total £m
Cost						
At 1 April 2021	119	11,382	60	183	47	11,791
Additions	5	290	25	7	13	340
Reclassifications	14	27	(42)	1	-	-
Disposals	-	-	-	(3)	(1)	(4)
At 30 September 2021	138	11,699	43	188	59	12,127
Accumulated depreciation and impairment						
At 1 April 2021	(28)	(1,216)	-	(112)	(22)	(1,378)
Charge for the period	(5)	(164)	-	(14)	(5)	(188)
Disposals	-	-	-	3	1	4
At 30 September 2021	(33)	(1,380)	-	(123)	(26)	(1,562)
Net book value:						
At 30 September 2021	105	10,319	43	65	33	10,565
At 31 March 2021	91	10,166	60	71	25	10,413

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

9 Fair value measurement

The financial instruments included in the statement of financial position are measured at fair value. These fair values can be categorised into hierarchy levels that are representative of the inputs used in measuring the fair value. The best evidence of fair value is a quoted price in an actively traded market. In the event that the market for a financial instrument is not active, a valuation technique is used.

As at 30 September 2022	Level 1 £m	Level 2 £m	Level 3 £m	Total £m
Assets				
Fair value through profit and loss ('FVTPL') instruments	81	-	-	81
Derivative financial instruments	-	115	-	115
Liabilities				
Derivative financial instruments	-	(56)	(101)	(157)
Total	81	59	(101)	68
As at 31 March 2022	Level 1 £m	Level 2 £m	Level 3 £m	Total £m
Assets				
Fair value through profit and loss ('FVTPL') instruments	80	-	-	80
Derivative financial instruments	-	8	-	8
Liabilities				
Derivative financial instruments	-	(155)	(114)	(269)
Total	80	(147)	(114)	(181)

Financial liabilities in the consolidated statement of financial position are either held at fair value or the carrying value if it approximates to fair value, with the exception of borrowings, which are held at amortised cost. Financial assets are classified at inception into one of the following categories which then determines the subsequent measurement methodology: financial assets at amortised cost; financial assets at value through other comprehensive income (FVTOCI); and financial assets at fair value through profit or loss (FVTPL). Loans receivable are carried at amortised cost using the effective interest method less any allowance for estimated impairments.

The estimated fair value of total borrowings using market values at 30 September 2022 is £5,426 million (31 March 2022: £6,734 million).

Level 1: Financial instruments with quoted prices for identical instruments in active markets.

Level 2: Financial instruments with quoted prices for similar instruments in active markets or quoted prices for identical or similar instruments in inactive markets and financial instruments valued using models where all significant inputs are based directly or indirectly on observable market data.

Level 3: Financial instruments valued using valuation techniques where one or more significant inputs are based on unobservable market data.

The Level 3 derivative financial instruments comprise £1 billion of CPI-linked inflation swaps maturing in 2028 and 2031 which are traded based on a spread to liquid RPI inflation markets. As the market for CPI swaps is still maturing with the spreads not currently observable in their own liquid market, these swaps have been classified as Level 3 instruments. The fair values for these instruments are calculated by using market forecasts of inflation indices obtained from third party valuation data to produce a series of future cashflows. These are then discounted back to a net present value to which model-derived credit and funding valuation adjustments are applied. As these instruments are linked to CPI, higher inflation forecasts across the life of the instruments will result in a larger liability at maturity, negatively impacting the fair value. Conversely, a reduction in inflation forecasts across the life of the instruments will reduce the liability at maturity and positively impact the fair value. Indicatively, a 1% change in the first twelve months of the inflation indices used to calculate the fair values of the Level 3 derivative financial instruments would change the fair values by £8.3 million, with an increase in the inflation indices reducing the fair values and vice versa. Fair values will also be impacted by movements in interest rate curves which are used to derive the discount rates used in calculating the net present values of the instruments.

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

9 Fair value measurement (continued)

Movements in the 6 months to 30 September 2022, for assets and liabilities measured at fair value using Level 3 valuations inputs are as follows:

	Six months ended 30 September 2022 £m	Six months ended 30 September 2021 £m
At 1 April	(114)	-
Net gain/(loss) for the period	<u>13</u>	<u>(57)</u>
At 30 September	<u><u>(101)</u></u>	<u><u>(57)</u></u>

The net gain/(loss) of the period is shown within interest cost in the income statement.

10 Net debt

	Six months ended 30 September 2022 £m	Year ended 31 March 2022 £m
Increase in cash and cash equivalents	16	-
Increase/(decrease) in financial investments	1	(735)
Decrease in borrowings & related derivatives	-	550
Repayment of lease liabilities	6	11
Net interest paid on the components of net debt	<u>60</u>	<u>133</u>
Change in net debt arising from cash flows	83	(41)
Changes in fair value of financial assets and liabilities and exchange movements	254	(79)
Other non-cash changes	(19)	(66)
Net interest charge on the components of net debt	<u>(211)</u>	<u>(246)</u>
Movement in net debt (net of related derivative financial instruments)	107	(432)
Net debt (net of related derivative financial instruments) at the start of the period	<u>(7,214)</u>	<u>(6,782)</u>
Net debt (net of related derivative financial instruments) at the end of the period	<u><u>(7,107)</u></u>	<u><u>(7,214)</u></u>

Composition of net debt:

Cash, cash equivalents and financial investments	110	93
Borrowings and bank overdrafts	(7,083)	(6,967)
Derivatives	(42)	(261)
Lease liabilities	<u>(92)</u>	<u>(79)</u>
Total net debt	<u><u>(7,107)</u></u>	<u><u>(7,214)</u></u>

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

11 Retirement benefit schemes

	30 September 2022	31 March 2022
	£m	£m
Present value of funded obligation	(3,946)	(5,472)
Fair value of plan assets	<u>4,896</u>	<u>6,559</u>
	950	1,087
Present value of unfunded obligations	<u>(3)</u>	<u>(4)</u>
Net asset	<u>947</u>	<u>1,083</u>
Represented by:		
Liabilities	(3,949)	(5,476)
Assets	<u>4,896</u>	<u>6,559</u>
	<u>947</u>	<u>1,083</u>
Key actuarial assumptions		
Discount rate - Past service	5.35%	2.65%
Discount rate - Future service	4.90%	2.60%
Rate of increase in salaries	2.65%	2.65%
Rate of increase in RPI - Past service	3.65%	3.65%
Rate of increase in RPI - Future service	3.40%	3.40%

The net pensions position, as recorded under IAS19, at 30 September 2022 was a surplus of £947 million compared to a surplus of £1,083 million at 31 March 2022. This decrease follows a valuation exercise undertaken at 30 September 2022 by the Group's independent actuary. There is an overall decrease in the defined benefit obligation of £1,527 million. This was mainly due to a significant increase in corporate bond yields (which drive the discount rate) resulting in a reduction in the defined benefit obligation of £1,672 million. This was partially offset by an increase of £238 million due to actual inflation over the 6 months to 30 September 2022 being higher than that assumed at 31 March 2022 and an overall decrease in assets due to actual returns being lower than interest income. The significant decrease in the Scheme's asset and liability values was largely driven by a significant movement in gilt markets. In particular, the 'mini budget' announced by the government on 23 September caused rapid sales of government bonds which further depressed gilt markets. As well as impacting IAS 19 valuations, the Scheme was required to utilise high-quality liquid assets to meet collateral requirements on the liability-driven investment (LDI) portfolio. These short-term liquidity pressures did not impact the security of pension benefits.

Cadent Gas Limited

Notes to the condensed consolidated financial statements (continued)

Six months ended 30 September 2022

12 Commitments and contingencies

(a) Capital and other commitments

At 30 September 2022 there were commitments for future capital expenditure contracted but not provided for £305 million (31 March 2022: £304 million). We also have other commitments relating to contingencies in the form of letters of credit and leases. These commitments and contingencies are described in further detail on page 154 of the Annual Report and Financial Statements 2021/22.

(b) Environmental claims

An environmental provision has been set up to deal with the costs of statutory decontamination of Cadent Gas Limited's old gas-manufacturing sites. Other claims have arisen from time to time, however none of these have been significant. It is not possible to determine the level of such future claims however, based upon experience, the Directors do not consider a provision necessary.

(c) Litigation

Through the ordinary course of operations, the company is party to various litigation, claims and investigations. The Directors do not expect the ultimate resolution of any of these proceedings to have a material adverse effect on the company's results of operations, cash flows or financial position.

(d) Guarantees and letters of credit

Group undertakings have entered into bonds and guarantees in the normal course of business. No liability is expected to arise in respect of either bonds or guarantees.

13 Related Party Transactions

A related party is a company or individual who also has an interest in us. The related parties identified include the immediate parent, ultimate parent, fellow subsidiaries, associated undertakings, investments and key management personnel.

There have been no material changes in the related party transactions described in the last Annual Report and Accounts.

14 Subsequent events

On 25 October 2022 Cadent Finance Plc, a subsidiary of Cadent Gas Limited, issued c.£300 million GBP equivalent of private fixed rate notes on a deferred draw basis:

- \$65 million funding 25 April 2023 and maturing 25 April 2030 with a coupon rate of 6.15%, which is swapped to GBP £57.4 million at a rate of 6.36%,
- \$75 million funding 25 July 2023 and maturing 25 July 2030 with a coupon rate of 6.21%, which is swapped to GBP £66.3 million at a rate of 6.44%,
- £100 million funding 31 January 2023 and maturing 31 January 2030 with a coupon rate of 6.22%,
- £30 million funding 15 December 2022 and maturing 15 December 2032 with a coupon rate of 6.28%, and
- £45 million funding 31 January 2023 and maturing 31 January 2033 with a coupon rate of 6.28%.

These notes are guaranteed by and proceeds were lent to Cadent Gas Limited on matching terms.

On 4th November 2022, Cadent Gas Limited refinanced its outstanding debt facilities. The undrawn Revolving Credit Facility of £500 million was replaced to extend the maturity to November 2027 (previously to July 2026) and a new Revolving Credit Facility of £150 million was entered with maturity to November 2024. The Group continues to have at its disposal sufficient undrawn, committed borrowing facilities at competitive rates for the medium term.