

Cadent Business Plan Redaction Statement

Our Business Plan sets out how we want to work with our customers in delivering our plans for the future. It will now be subject to a regulatory review process and is published here in the interests of transparency and to facilitate meaningful stakeholder engagement. We have had to redact limited sections of some of the appendices as they contain information which is commercially sensitive or information that must be redacted on security grounds, such as details of critical national infrastructure installations. We have also redacted a small amount of information from our main plan related to cyber and physical security in the interests of security of our networks.

Areas that we have redacted information and the rationale are as follows:

- **Commercially sensitive cost data:** *we have removed unit cost data from our Investment Cases and (where necessary) our Uncertainty Mechanisms. We are currently in (and will be progressing other) competitive tender processes with our suppliers and disclosure of unit price information has potential to undermine these competitive processes at a cost to our customers. The table below identifies the documents this applies to and within these documents we have clearly marked any redactions with call out boxes.*
- **Sensitive security information:** *we have fully redacted certain Appendices in full that contain information relating to Critical National Infrastructure (CNI) where that information could potentially be used to identify the location of CNI installations, appendices that discuss physical and cyber security on our networks. This includes a limited number of redactions in our main plan document within chapter 7 (across pages 63 to 65).*
- **Third party consultant reports:** *We have redacted a limited amount of analysis from our 3rd party consultants reports where there are restrictions on the publication and use of 3rd party data. The conditions imposed vary by data provider however where material is already in the public domain we have included these references. All the information has been made available to Ofgem and the RIIO-2 Challenge Group for their consideration.*

The list below details our appendices and any redactions made. Within the actual documents that we have made redactions we have clearly marked these with call out boxes to ensure maximum transparency.

Alongside our business plan documents listed below we have also published a data table summary that covers our totex expenditure forecasts by network.

Table 1: Redactions made to RIIO-GD2 documents

Reference	Title	Details of Redaction
Chapter 1	Finding key information	Uploaded without redactions
Appendix 01.00	Navigating our plan	
Appendix 01.01	How we have responded to CEG and R2CG comments	
Appendix 01.02	Outputs Snapshot Table	
Appendix 01.03	Business Plan Data Tables Commentary	Out of scope - not part of report
Appendix 01.04	Irregular Submission Assurance Report	
Appendix 01.05	Glossary of Terms	Uploaded without redactions
Chapter 2	Executive summary	
Chapter 3	Our communities	
Chapter 4	Learning from past performance	
Chapter 5	Enhanced engagement	
Appendix 05.01	Stakeholder Engagement Strategy	
Appendix 05.02	Detail of our 6 phases of engagement	
Appendix 05.03	Engagement Decision Tracker	
Appendix 05.04	Our Engagement Partners	
Report 05.05	Sia Assessment	
Report 05.06	Savanta Assurance Report	
Appendix 05.07	CEG Membership	
Appendix 05.09	Playback document	
Chapter 6	Net Zero and a whole system approach	
Report 06.00	Future of Gas series: unlocking network capability	
Report 06.01	Review of bioenergy potential (survey report)	
Report 06.02	Options for Stimulating Investment in BioSNG	
Report 06.03	Pathways to Net-Zero: Decarbonising the Gas Networks in Great Britain	
Chapter 7	Our commitments	
Appendix 07.00.00	Overview of our output commitments	Redacted in full: contains security information
Appendix 07.01.00	Our Consumer Value Proposition - Calculation	
Appendix 07.02.00	Business IT Security Plan	Uploaded without redactions
Appendix 07.02.01	Cyber Resilience Plan	
Appendix 07.02.02	Data and Digitalisation Strategy	
Appendix 07.02.03	Workforce Resilience Strategy	
Output Case 07.02.04	Optimising capacity between transmission and distribution	
Output Case 07.02.05	Whole System Solutions - Joint Network Planning	
Appendix 07.03.00	Customer Vulnerability Strategy	

Output Case 07.03.01	Establishing and raising the bar for all our customer and stakeholder experiences	
Output Case 07.03.02	Enhanced Engagement on Whole Systems Thinking	
Output Case 07.03.03	Rapid response to your enquiries and complaints	
Output Case 07.03.04	Improving our connections services	
Output Case 07.03.05	Measuring and enhancing accessibility and inclusivity	
Output Case 07.03.06	Getting our customers back on gas	
Output Case 07.03.07	Providing time-bound appointments	
Output Case 07.03.08	Minimising disruption from our works	
Output Case 07.03.09	Identifying your needs and joining up support services	
Output Case 07.03.10	Carbon Monoxide (CO) awareness	
Output Case 07.03.11	Tackling affordability and fuel poverty	
Output Case 07.03.12	Going beyond to never leave a customer vulnerable without gas	
Appendix 07.04.00	Environmental Action Plan	
Report 07.04.01	Annual Report and Accounts	
Report 07.04.02	Safety & Sustainability Report	
Report 07.04.03	Sustainability First Initiative	
Output Case 07.04.04	Carbon Neutral Operations	
Output Case 07.04.05	Tackling the theft of gas	
Output Case 07.04.06	Zero avoidable waste to landfill	
Output Case 07.04.07	Supporting our people to reduce their emissions	
Output Case 07.04.08	Entry Capacity Enablement	
Output Case 07.04.09	Supporting Off Gas Grid Communities	
Appendix 07.05.00	Trust Charter	
Chapter 8	Driving performance through innovation and competition	
Appendix 08.00	Supporting Evidence for our Approach to Innovation	
Appendix 08.01	Competition Action Plan	
Chapter 9	Costs and efficiency	
Investment Case 09.00	Overview: how we have developed our investment plan	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Investment Case 09.01	Introduction to Investment Decision Packs	
Investment Case 09.02	Distribution Mains and Associated Services (Iron, PE, Steel & Other)	
Investment Case 09.03	Services Not Associated with Mains Replacement	
Investment Case 09.04	Transforming the Experience for Multiple Occupancy Building Customers - Risers	
Investment Case 09.05	Offtakes and PRS Pre-Heating	
Investment Case 09.06	London Medium Pressure	
Investment Case 09.07	Offtakes & PRS Slamshut/Regulators	

Investment Case 09.08	Governors (District, I&C and Service)	
Investment Case 09.09	LTS Pipelines (Piggable and Non-Piggable)	
Investment Case 09.10	Offtakes & PRS Metering Systems	
Investment Case 09.11	Offtakes & PRS Odourisation Systems	
Investment Case 09.12	Category 2a Security Upgrades	Full redaction: contains CNI information
Investment Case 09.13	Brunel Bridge Crossing Refurbishment	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Investment Case 09.14	Offtakes & PRS Filters	
Investment Case 09.15	Holford Salt Cavity E&I	
Investment Case 09.16	Winnington Lane Crossing Replacement	
Investment Case 09.17	Category 3 and Above Mandated Security Upgrades	Full redaction: contains CNI information
Investment Case 09.18	Mersey Tunnel Access Refurbishment	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Report 09.19	ENA common RII02 Scenario	Uploaded without redactions
Appendix 09.20	Resolving our benchmarked performance gap	Part redaction: confidential references removed
Appendix 09.21	Cadent's Regional Factors	Uploaded without redactions
Appendix 09.22	Real Price Effects	
Investment Case 09.23	Known above 7 bar AGI reinforcements	
Investment Case 09.24	Mains Diversions Non-Chargeable below 7 bar	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Investment Case 09.25	Mains Diversions Chargeable below 7 bar	
Investment Case 09.26	Mains reinforcement below 7 bar	
Investment Case 09.27	Connections & Unauthorised Connections	
Investment Case 09.28	Corporate Property	
Investment Case 09.29	Other Property	
Investment Case 09.30	Technology (IT and Telecoms, System Operation)	
Investment Case 09.31	Strategic Pipeline Isolation Valves <7 bar, Strategic MP/IP (M1) Valves	
Investment Case 09.32	Reduced Depth of Cover	
Investment Case 09.33	Pipeline Sleeves	
Investment Case 09.34	Corporate Vehicles	
Investment Case 09.35	Cathodic Protection	
Investment Case 09.36	Pipeline Crossings	
Appendix 09.38	Controllable Opex Costs	Uploaded without redactions
Report 09.39	Frontier Productivity Growth	
Report 09.40	Understanding the Baseline Level of Efficiency in London	
Chapter 10	Managing risk and uncertainty	
Appendix 10.00	Our approach to managing risk and uncertainty	
Uncertainty Mechanism 10.01	Repex - Tier 2a iron main, including Pipes above safety threshold (PAST)	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.

Uncertainty Mechanism 10.02	Repex - HSE policy changes	
Uncertainty Mechanism 10.03	Physical security	Full redaction: contains CNI information
Uncertainty Mechanism 10.04	Heat Policy including Fuel poor network extension scheme (FPNES)	Uploaded without redactions
Uncertainty Mechanism 10.05	Cyber resilience	Full redaction: contains CNI information
Uncertainty Mechanism 10.06	Smart meter roll-out costs	Uploaded without redactions
Uncertainty Mechanism 10.07	Specified street works (lane rental)	
Uncertainty Mechanism 10.08	Reinforcements	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Uncertainty Mechanism 10.09	Entry charging and access review	Uploaded without redactions
Uncertainty Mechanism 10.10	Obligations with respect to Multiple Occupancy Buildings (MOBs)	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Uncertainty Mechanism 10.11	Connections	
Uncertainty Mechanism 10.12	Diversions	
Uncertainty Mechanism 10.13	Lowestoft project	Uploaded without redactions
Uncertainty Mechanism 10.14	Traffic collision protection	Part redaction: unit cost data removed, where data is redacted from tables this is clearly marked in the documents.
Uncertainty Mechanism 10.15	High pressure valves	
Chapter 11	Affordability and financing our plan	
Appendix 11.00	Affordability and Financing: Affordability	Uploaded without redactions
Appendix 11.01	Affordability and Financing: Financeability	
Appendix 11.02	Finance BPDT and Financial Model Commentary	Full redaction: contains financial modelling information
Appendix 11.03	Our view on cost of capital	Uploaded without redactions
Report 11.04	Nera: Halo Effect and Additional Costs of Borrowing at RIIO-2	Part redaction: Redacted analysis relying on 3 rd party data that has restrictions imposed and is not in the public domain.
Report 11.05	Nera: Cost of Debt at RIIO-2: A Report for Gas Distribution Networks	Redacted in full due to restrictions on 3 rd party data sharing.
Report 11.06	Oxera: The cost of equity for RIIO-2	Uploaded without redactions
Appendix 11.07	BPFM (Cadent Adjustments)	Full redaction: contains financial modelling information or company sensitive data
Appendix 11.08	BPFM (No Adjustments)	
Appendix 11.09	Cadent Regulatory Financial Model	
Report 11.10	Risk return balance under RIIO-GD2	Uploaded without redactions
Chapter 12	Assurance	
Appendix 12.00	Our approach to assurance and deliverability	Part redaction: letters of assurance removed