

Energy Network Operators' Price Control Pension Costs - Regulatory Instructions and Guidance: Triennial Pension Reporting Pack supplement including pension deficit allocation methodology

Final decision

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Overview:

This document provides instructions and guidance to Electricity (DNOs) and Gas (GDNs) Distribution and Transmission (TSOs) Network Operators to enable them to complete the reporting requirements associated with the triennial reporting of their defined benefit pension schemes and pension deficit (and/or surplus) allocations.

Context

This document contains the Energy Network Operators' Price Control Cost - Regulatory Instructions and Guidance: Triennial Pension Reporting Pack supplements.

The purpose of this document is to provide a framework to allow Ofgem to collect triennially, accurate and consistent data on licensees defined benefit (DB) pension schemes; and, the attribution of the deficit (or surplus) on those schemes (and the constituent assets and liabilities) between the established deficit, the incremental deficit and non-regulated activities from energy network operators (NWOs).

The pension deficit allocation methodology (PDAM) chapters set out the high-level procedures for applying the methodology at DPCR5, TPCR4 adapted rollover year and for RIIO price controls. The pension data tables set out the information and attributions required together with information on each scheme to inform our triennial reasonableness review of pension costs.

A number of licence conditions require the NWOs to provide us with this information. The key licence conditions for the purposes of this document are Electricity Distribution standard licence condition 48, Electricity Transmission standard licence condition B15 and, for GDNs and GTOs and GSOs, Gas Transporter standard special licence condition A40.

This version of the guidance will apply for DNOs to the fifth price control arrangements (DPCR5) which runs from 1 April 2010 to 31 March 2015 and from 1 April 2015 the RIIO-ED1 price control period and subsequent price controls. For GDNs, this applies from 1 April 2013 for price controls starting with RIIO-GD1 price control. For TSOs, these apply to the one year adapted rollover of the fourth price control arrangements (TPCR4) which runs from 1 April 2012 to 31 March 2013 and from 1 April 2013 the RIIO-T1 price control period and subsequent price controls.

Revised versions of the guidance may apply for subsequent years.

Associated documents

Pension Deficit Allocation Methodology consultation

<http://www.ofgem.gov.uk/Pages/MoreInformation.aspx?docid=130&refer=Networks>

22 June pension paper *Price Control Treatment of Network Operator Pension Costs Under Regulatory Principles* (ref 76/10)

<http://www.ofgem.gov.uk/Pages/MoreInformation.aspx?docid=119&refer=Networks>

RIIO-T1 Price Control Financial Handbook – Electricity Transmission

<http://www.ofgem.gov.uk/Networks/Trans/PriceControls/RIIO-T1/ConRes/Documents1/NGFinHB.pdf>

RIIO-T1 Price Control Financial Handbook – Gas Transmission

http://www.ofgem.gov.uk/Networks/Trans/PriceControls/RIIO-T1/ConRes/Documents1/SD1_RIIO_GT1_Price_Control_Financial_Handbook.pdf

RIIO-GD1 Price Control Financial Handbook – Gas Transmission

http://www.ofgem.gov.uk/Networks/GasDistr/RIIO-GD1/ConRes/Documents1/SD1_RIIO_GD1_Price_Control_Financial_Handbook.pdf

RIIO-GD1/T1 March 2011 Strategy decision document - Financial Issues supplement

<http://www.ofgem.gov.uk/Networks/GasDistr/RIIO-GD1/ConRes/Documents1/GD1decisionfinance.pdf>

RIIO-GD1 Final Proposals – Finance and uncertainty

http://www.ofgem.gov.uk/Networks/GasDistr/RIIO-GD1/ConRes/Documents1/3_RIIOGD1_FP_Finance_and_uncertainty.pdf

RIIO-T1 Final Proposals - Finance

http://www.ofgem.gov.uk/Networks/Trans/PriceControls/RIIO-T1/ConRes/Documents1/4_RIIOT1_FP_Finance_dec12.pdf

TPCR4 adapted rollover Final Proposals

http://www.ofgem.gov.uk/Networks/Trans/PriceControls/TPCR4Rollover/Documents1/TPCR4_Rollover_Final_Proposals.pdf

DPCR5 Final Proposals - Finance

http://www.ofgem.gov.uk/Networks/ElecDist/PriceCtrls/DPCR5/Documents1/FP_1_Core%20document%20SS%20FINAL.pdf

RIIO- ED1 March 2013 Strategy decision document - Financial Issues supplement

<http://www.ofgem.gov.uk/Networks/ElecDist/PriceCtrls/riio-ed1/consultations/Documents1/RIIOED1DecFinancialIssues.pdf>

RIGs glossary

[http://www.ofgem.gov.uk/Networks/ElecDist/PriceCtrls/DPCR5/Documents1/DPCR5_Glossary_of_Terms_tracked\[1\].pdf](http://www.ofgem.gov.uk/Networks/ElecDist/PriceCtrls/DPCR5/Documents1/DPCR5_Glossary_of_Terms_tracked[1].pdf)

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1. Introduction

Background

1.1. In June 2010, we published our decision document, *Price Control Treatment of Network Operator Pension Costs Under Regulatory Principles* (ref 76/10). This set out our commitment that network operators' defined benefit (DB) pension scheme deficits as at the end of the prevailing price controls (the Cut-Off Dates¹) would be funded with two provisos. These were that the relevant schemes or schemes' costs are efficient and there has been no material failure of stewardship, to satisfy our first and third Pension Principles². This was to ensure that the costs of addressing the established deficit are not higher than what is reasonable.

1.2. Our funding commitment does not cover future service of those employees still active in the scheme after the relevant cut-off dates for each price control, ie the incremental deficit, or that related to non-regulated activities.

1.3. Our decision required network operators to attribute the deficit (or surplus) on their DB pension scheme to its constituent assets and liabilities between the established deficit, the incremental deficit and non-regulated activities (the "PDAM dataset"). At the time, we did not propose a methodology to facilitate this. We have worked with network operators and their actuaries to develop a methodology that is actuarially sound, economic and transparent to use in practice, and to provide an appropriate and not disproportionate audit trail. We recognise that this PDAM is a framework for allocating pension scheme costs and that it may, when it is applied by NWOs for the first time, require clarification and interpretation. We will continue to work with NWOs to develop this framework based on its application, initially to their valuations at 31 March 2013.

1.4. The second part of this supplement sets out the data requirements for their DB pension schemes ("the scheme dataset"), which we require to inform our reasonableness review starting with their 31 March 2013 Valuations. That review will assist us to assess the reasonableness of the methods and assumptions used to determine NWOs' pension costs. We use this process to assist us, in determining whether a company's pension costs are efficient, so that the network company can recover its economic and efficient pension costs irrespective of the allowance set at the start of the price control. For GDNs and TOs it also includes data to inform the true up of the PPF levy and, pension scheme administration costs.

¹ Cut-off dates are, for DNOs the price control period ending on 31 March 2010, for GDNs – 31 March 2013 and for TOs and SOs – 31 March 2012

² Set out in our RIIIO March 2011 Strategy paper for GDNs and TOs and those respective price controls' Final Proposals documents and the RIIIO-ED1 February 2013 Strategy paper

Legal framework

1.5. The same reporting frameworks govern this pension supplement as for the cost reporting RIGs of each licence, of which they are an integral but separate part even though they are only required to be submitted triennially.

1.6. A number of different licence obligations that require the NWOs to provide Ofgem with information. The following legal frameworks apply:

- For DNOs, standard licence condition 48 (Reporting of Price Control Cost Information);
- For ETs, Electricity Transmission standard licence condition B15; and
- For GTOs and GDNs - Gas Transporter standard special licence condition A40.

These set out the reporting obligations for cost reporting which govern this supplement.

1.7. The individual sector RIGs include definitions along with related instructions and guidance for preparing the annual information submissions. For the avoidance of doubt, the RIGs and this supplement are subordinate to the licence conditions. Consequently, the RIGs or this supplement will not change any definitions or obligations contained within the respective licences applicable to each of the NWOs and, in the event of any dispute, the licence conditions will always take precedence.

Timescales for reporting under the pension RIGs

Reporting year

1.8. The relevant reporting year for the provision of information required under the respective reporting conditions above runs from 1 April to 31 March of the following calendar year. However, the pension datasets herein are only required triennially, except in certain circumstances.

Submission dates

1.9. NWOs must provide the pension dataset information required by the respective licence conditions above for:

- the PDAM dataset as soon as reasonably practicable and in any event, not later than 30 September 2014, for each of their DB scheme valuations as at 31 March 2013 and every three years thereafter; and

- the Scheme dataset (in tables P1.3 and P2.3) as soon as reasonably practicable and in any event, not later than 7 July 2014, for each of their DB scheme valuations as at 31 March 2013 and every three years thereafter.
- tables P1.4 and P2.4 as soon as reasonably practicable and in any event, not later than 31 July 2014, for each of their DB scheme valuations as at 31 March 2013 and every three years thereafter.

1.10. These are the latest dates that NWOs can submit the information unless the Authority has previously consented otherwise in writing.

1.11. Whilst the respective licences require submission on the RIGs on or before 31 July in each year, for the purposes of the Scheme and PDAM datasets the triennial submission dates set out in paragraph 1.9 above apply, and no other consents regarding these submissions are necessary from the Authority.

1.12. Each submission must be accompanied by a letter signed by a director on behalf of the licensee confirming that the data has been provided in accordance with this Pension RIGs supplement.

Resubmissions

1.13. Ofgem's agreement is required before any resubmission of information set out in a report produced in accordance with these RIGs can be made and in any such instance the report concerned must be resubmitted in full. A letter signed by a director where significant changes have been made must accompany the resubmission unless Ofgem agrees that such a letter is not required.

1.14. In addition, for each resubmission a separate explanation must be provided listing each cell that has been amended and sufficient commentary to explain the reasons.

Review

1.15. Once the NWOs have submitted the pension dataset information to the Authority, Ofgem or a person nominated by the Authority ('a reviewer') will undertake a detailed review of the information.

1.16. In the case of most of the scheme dataset, the reviewer will be an independent pension expert(s) who will perform the initial reasonableness review. We will share with all network operators and other stakeholders our proposed terms of reference (for our independent experts) for the initial high-level stage of each future reasonableness review of pension costs. These will take into account respondents' views on the conduct and process for the last review. The overall approach for the review of the 2013 valuations will broadly follow that set out in our 22 June 2010 paper and subsequent Final Proposal and price control Strategy Papers. This is for an

initial review and a report by those independent experts. This may be followed by a second stage, which may be undertaken concurrently with closing out the initial stage.

1.17. Dependent on the issues raised at the initial stage, we will consider whether the second stage is either an in-depth review of the whole scheme or a more focussed approach on a few issues. Where the initial review highlights a limited number of issues for further actual or potential action, we will take both a proportionate and reasonable approach to understanding and resolving them, where we consider they do not require, justify or necessitate an in-depth review of the whole scheme. This would avoid the unnecessary burden being placed on licensees that a review of the whole scheme may incur. We may appoint independent experts to support us. We would not necessarily propose or expect to issue a separate report on the second stage.

1.18. Where a reviewer has been nominated, then in accordance with the relevant NWO licence conditions, the reviewer will enter into an agreement with Ofgem to maintain confidentiality on reasonable terms of licensee's datasets.

1.19. Ofgem will review the PDAM datasets and, as required may appoint a reviewer or examiner to assist or undertake the review.

Template

1.20. Within the RIGs workbooks all the cells that DNOs are required to complete are coloured yellow. Cells with populated values and checking cells are coloured orange and cells, which have auto calculations or are totals, are coloured green. Cells that are linked to other sheets are coloured blue.

1.21. Values must be entered in the column corresponding to the Regulatory Year under report. For example, values reported in respect of Regulatory Year 2011-12 (ie ending 31 March 2012) must be entered in the column headed "2012".

1.22. Instructions for the electronic submission of the workbooks will be circulated to the licensee regulation managers in advance of each submission deadline. However, if there is any doubt about the method of submission, the licensee must contact the regulatory Finance team at Ofgem.

Accuracy of reporting

1.23. In the Scheme Data worksheets, the numbers will be displayed to two decimal places. In the PDAM worksheets, the numbers will be displayed to one decimal place. However, NWOs are required to provide this data to the highest level of accuracy available to them with the minimum being as stated unless otherwise indicated in the guidance.

1.24. Where a reportable value is zero or not applicable to the licensee, the cell can either be left as a blank or input as a zero. All the links to NWO's own workbooks must be removed prior to submission.

Price Base

1.25. All tables should be completed in nominal values.

Commentary / scheme narrative dataset

1.26. The cost commentary / scheme narrative dataset provides the opportunity for NWOs to explain why costs have been incurred and the annual movements in cost levels. This principally relates to actuarial assumptions, returns and other narrative responses to understand the valuations, movements over time in returns and changes in scheme structures or arrangements. It will also be used to inform the reasonableness review.

Glossary, definitions and interpretations

1.27. The separate glossary of terms provides a definitive list of definitions and interpretations for all RIGs documents but excludes terms defined in the licence conditions. Where a term is defined in a RIGs document, it can also be found in the glossary of terms. The glossary at appendix 1 is specifically for terms used in this document.

1.28. For the avoidance of doubt the terms in appendix 1 are subordinate to the licence conditions. Therefore, if a term is defined in both the licence and the glossary, the licence takes precedence.

Worked Examples: Asset and liability reconciliation

Pension Supplement One

Pension deficit allocation methodology and datasets

1. Introduction

1.1. This pension deficit allocation methodology (PDAM) supplement sets out for each defined benefit (DB) pension scheme, of which a licensee is sponsoring or co-sponsoring employer, how:

- (a) the assets and liabilities, are to be attributed to post Cut-Off Date pensionable service and pre Cut-Off Date pensionable service
- (b) using the attributions in (a), the deficit in respect of pre and post Cut-Off Date pensionable service must be determined
- (c) the deficits in (b) attributed to pre and post Cut-Off Date pensionable service must be attributed to:
 - i. Regulated Business Activities; and
 - ii. Non-Regulated Business Activities.

1.2. The principal requirements of the PDAM are that it is actuarially sound, economic and transparent to use in practice; and, secondly, that it must provide an appropriate and not dis-proportionate audit trail.

1.3. The PDAM does not provide detailed guidance of all the calculations which licensees will need to undertake but does aim to provide enough detail to ensure that any licensee carrying out the calculations will produce similar answers. Where indicated in the tables (in a separate excel workbook) the basis of the calculation of attribution to the post Cut-Off Date sub-fund, including data and formulae applied must be provided by the reporting actuary. In order to ensure the PDAM achieves this aim, we will review the PDAM submissions and underlying calculations licensees will carry out based on the 31 March 2013 Valuation. Following this review the PDAM may need to be refined further.

1.4. We will adopt a reasonable and equitable approach in considering how the methodology is applied by licensees and in interpreting and applying the results it gives, consistent with our pension principles and policy intent. In considering and evaluating how the methodology is applied in practice and how points of detail may be resolved, the tests we will apply will be whether the results of this methodology gives a fair apportionment of the overall deficit between pre and post cut-off and between regulated and non-regulated businesses. Our approach will be to ensure that the funding of the appropriate share of the overall deficit by customers is in accordance with our Pension Principles.

1.5. We require licensees and their affiliates (and/or the scheme administrators on their behalf) to maintain, or cause to be maintained, appropriate records that will enable them to apply the methodology set out herein. This requirement is within the scope of the provisions of each licensee's licence condition for the Price Control

Review Information³. The respective Regulatory Accounts licence condition and the EC Third Package requires licensees to maintain in their internal accounts segmental information, this necessarily extends to pension data. This level of recording may be additional to that which licensees (and their affiliates), or scheme administrators on their behalf, currently maintain.

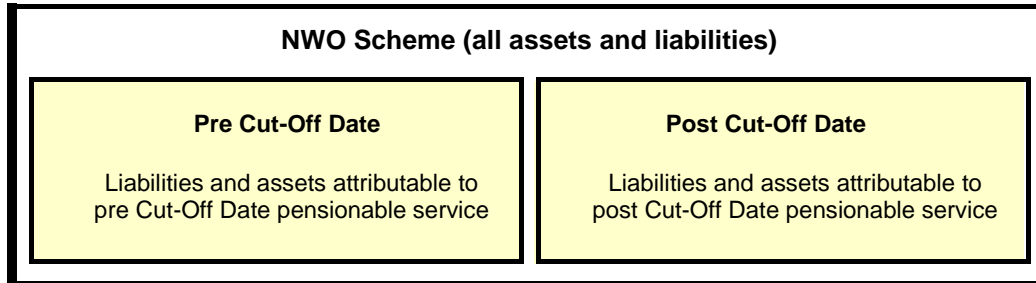
1.6. The procedures set out herein are applicable at DPCR5, the TPCR4 Adapted Rollover, RIIIO-T1, GD1 and ED1 and subsequent price controls.

1.7. Licensees are required to prepare and report in the triennial Pension Pack RRP pension deficit, asset and liability attribution data, and other pension scheme information in the format set out in the separate excel workbook (or as otherwise agreed between licensees and us and as provided for in this methodology); and, triennially in accordance with the timetable in chapter 14.

³ Respectively Electricity Distribution standard licence condition 48, Electricity Transmission standard licence condition B15 and Gas Transporter standard special licence condition A40.

2. Notional Sub-Funds

2.1. For each sponsored DB pension scheme, each licensee is required to attribute its assets and liabilities into a minimum of two Notional Sub-Funds, ie between pre and post Cut-Off Date pensionable service, as follows:



2.2. Where licensees are sponsoring employers in the same DB pension scheme then they may jointly report the attribution of assets and liabilities of the DB pension scheme to the above Notional Sub-Funds. In line with the approach set out in this methodology, they will then be required to identify the proportion of the deficit in each Notional Sub-Fund that relates to Regulated Business Activities for each licensee and Non-Regulated Business Activities.

3. Valuation requirements

3.1. At each Valuation Date (set out for guidance in the timetable in chapter 14) for each pension scheme, a licensee must obtain at its own expense, and provide to the Authority with the PDAM data tables, a report prepared by a Reporting Actuary (either the Scheme Actuary or a Corporate Actuary) which provides the information required as part of this PDAM based on the results of:

- a Triennial Valuation; or
- an Updated Valuation,

which includes detail of the assets and types of assets held by the pension scheme.

3.2. In the event that:

- a full triennial valuation as at the cut-off date or each subsequent valuation date (as set out in chapter 14 and the relevant Price Control Financial Handbook) has not been prepared, or
- not been completed by 30 June in the year following the valuation date,

the licensee is required to prepare an Updated Valuation and submit that by 30 June in the relevant year. If no Valuation is received, then no true up or reset of allowances will normally be made until the next true up and reset point set out in the sixth column of the table to paragraph 14.1 in chapter 14. However, we will consult on case-by-case basis.

4. Attribution of liabilities to pre & post Cut-Off Date Notional Sub-Funds

Liabilities at the Cut-Off Date Valuation

4.1. At the Cut-Off Date Valuation, all liabilities will be attributed to the pre-cut off date Notional Sub-Fund, as no liabilities will exist in respect of post Cut-Off Date pensionable service.

Liabilities at each subsequent Valuation Date

4.2. At each subsequent Valuation Date, the value of the liabilities (including those liabilities which relate to benefits based on prospective service) determined by a Triennial Valuation or an Updated Valuation must be attributed to the pre and post Cut-Off Date Notional Sub-Funds. This must be calculated, based on the actual accrued pensionable service data recorded for members, allowing for any transferred in service as set out in chapter 8 but making no allowance for part-time service. For simplicity, the assumption is that for each member, the value placed on the liabilities for each year of pensionable service is the same. Where this is not approximately the case, a more detailed calculation may be undertaken using individual member data to compute post Cut-Off Date liabilities at an individual member level. Licensees must advise us in writing before submission of the tables if they propose to use the latter more detailed basis. The method adopted at the Valuation Date subsequent to the Cut-Off Date must be applied at all subsequent Valuations unless an application is made to us in the light of changes to a scheme.

4.3. The liability value attributed to the pre Cut-Off Date Notional Sub-Fund must be calculated as:

	the total value of liabilities in respect of benefits earned to the Valuation Date
minus	the value of liabilities in respect of post Cut-Off Date benefits earned to the Valuation Date as calculated in 4.2 above

4.4. When placing a value on the liabilities in a Triennial Valuation or an Updated Valuation, the following items must be included:

- liabilities in respect of members' Additional Voluntary Contributions to the extent that they have secured additional defined benefits; and
- liabilities in respect of members who have secured additional defined benefits using a money purchase fund.

5. Attribution of assets to pre and post Cut-Off Date Notional Sub-Funds

Assets at the Cut-Off Date Valuation

5.1. At the Cut-Off Date Valuation, all assets will be attributed to the pre-cut off date Notional Sub-Fund, as no assets will exist in respect of post Cut-Off Date pensionable service.

Assets at each subsequent Valuation Date

5.2. Unless the trustees are separately tracking the assets in the Notional Sub-Funds, at each subsequent Valuation, the value of assets attributed to the post Cut-Off Date Notional Sub-Fund must be calculated as set out below. Further detail of each of the items is provided in Chapter 6. The licensee must provide details of this calculation to the Authority (in tables P1.2 and P2.2 of the excel workbook).

	a.	Assets attributable to post cut off date pensionable service at previous Valuation
plus	b.	Employer contributions paid towards future benefit accrual since last Valuation
plus	c.	Member contributions paid towards future benefit accrual since last Valuation, including any age-related contracting-out rebates
plus	d.	Employer contributions paid since last Valuation towards the deficit attributable to post Cut-Off Date pensionable service
plus	e.	Employer contributions paid since last valuation towards Pension Strain Costs attributable to post Cut-Off Date pensionable service
plus	f.	Employer contributions paid since last valuation towards other benefit augmentations attributable to post Cut-Off Date pensionable service
plus	g.	Employer contributions to meet post Cut-Off Date scheme administration expenses and PPF Levies since last Valuation
plus	h.	Other employer contributions paid since last Valuation in respect of post Cut-Off Date pensionable service
plus	i.	Assets paid in as part of a Bulk Transfer and individual transfers-in, in respect of post Cut-Off Date pensionable service
minus	j.	Benefits paid or transferred out since last Valuation in respect of post Cut-Off Date pensionable service
minus	k.	Money paid out to meet post Cut-Off Date scheme administration expenses and PPF levies since last Valuation
minus	l.	Assets paid out as part of a Bulk Transfer in respect of post Cut-Off Date pensionable service
minus	m.	Any other payments out of the scheme since last Valuation in respect of post Cut-Off Date pensionable service
plus	n.	Actual investment returns achieved by the pension scheme's assets during the period as applied to post Cut-Off Date assets and cashflows set out in (a) to (m) above

Where trustees are separately tracking assets or specific assets to liabilities of identifiable groups or sections of members, the reporting actuary and licensee must provide the supporting calculations and the basis on which the matching is made, eg Statement of Funding Principles (SFP), Statement of Investment Principles (SIP) or other supporting document. The supporting document(s) must relate to the period under review.

5.3. The value of assets attributed to the pre Cut-Off Date Notional Sub-Fund must be calculated as:

- the total asset value at the Valuation Date; *less*
- the value of assets attributed to the post Cut-Off Date Notional Sub-Fund as calculated in paragraph 5.2 above.

5.4. A check must be carried out to ensure that the value of assets attributed to the pre Cut-Off Date Notional Sub-Fund is reasonable when compared to the value of assets which would have been attributed had the approach detailed in 5.2 above been used.

Where the total of the assets calculated in paragraphs 5.2 and 5.3 using the approach to allocating investment returns in paragraph 6.14 of chapter 6, differs significantly to the actual assets held by the scheme at the same date, it may be necessary to refine the above calculation. This is required so that the investment return applied to all cashflows or certain cashflows accurately allows for the period from either payment or receipt date, as applicable.

5.5. These calculations must be provided to the Authority at the same time as the excel workbook.

Adjustment

5.6. For pension schemes with different pre and post retirement discount rates it is recognised that the above approach of allocating the actual investment returns achieved by the pension scheme's assets to the post Cut-Off Date assets will not match the rationale for the split discount rates (which notionally envisage backing non-pensioner liabilities with a greater proportion of return seeking assets). This mismatch may result in a higher / lower Incremental Deficit and a lower / higher Established Deficit.

5.7. Where licensees believe this issue to be significant, the licensee can use the default adjustment set out in paragraphs 6.20 to 6.22 or agree an adjustment to the deficits in the pre- and post-Cut-Off Date Notional Sub-Funds and the Incremental Deficit and Established Deficit with Ofgem. Where the licensee decides to agree an adjustment with Ofgem rather than using the default in paragraphs 6.20 to 6.22, the licensee must request such an adjustment at least 30 days prior to the date for submission of the tables and the actuary's report. We will not unreasonably refuse to accept such adjustments provided that the licensee provides appropriate supporting

evidence for using split discount rates, this should include a comparison of both approaches.

5.8. Paragraphs 6.14 to 6.18 of chapter 6 provide further guidance on attributing investments returns on assets to different sub-funds.

6. Asset reconciliation attributions

6.1. This chapter provides further guidance regarding the items that are used to calculate the value of the assets that must be attributed to the post Cut-Off Date Notional Sub-Fund at each Valuation Date in chapter 5.

Employer contributions paid towards future benefit accrual

6.2. The employer contributions to meet the cost of new benefits accruing during the period for active members must be extracted from the scheme records. These contributions must be allocated to the post Cut-Off Date Notional Sub-Fund.

Member contributions paid towards future benefit accrual

6.3. Active members pay contributions to meet part of the cost of the benefits they accrue during the period. The total member contributions paid during the period must be obtained from the scheme's administrators and must be allocated to the post Cut-Off Date Notional Sub-Fund.

6.4. Member contributions arising because of a member's Additional Voluntary Contributions securing DB benefits directly must all be allocated to the Pre or Post Cut-Off Date Notional Sub-Funds according to when they were received. Lump sum contributions securing DB benefits (normally arising from money purchase funds, deficiency costs or additional benefits) must be allocated to the post Cut-Off Date Notional Sub-Fund based on the ratio of post Cut-Off Date pensionable service to total pensionable service accrued at each Valuation Date.

Employer contributions towards deficit

6.5. The total employer deficit contributions must be extracted from the scheme records. The allocation of the employer deficit contributions to the post Cut-Off Date Notional Sub-Fund in the period must be based on the ratio of the deficit (or surplus) in the post Cut-Off Date Notional Sub-Fund to total scheme deficit, as reported at the previous Valuation Date.

Similarly, for the purposes of paragraph 9.3 of chapter 9, the proportion of deficit payments that must be allocated to the remaining additional liabilities that relate to unfunded ERDCs, must be based on the ratio of the deficit in respect of residual unfunded ERDCs to total scheme deficit, as reported at the previous Valuation Date.

Employer contributions towards Pension Strain Costs and other benefit augmentations

6.6. Total contributions towards Pension Strain Costs and other benefit augmentations must be extracted from the scheme records and must be allocated to the post Cut-Off Date Notional Sub-Fund in the same proportion as the additional liabilities due to Pension Strain Costs were allocated to the post Cut-Off Date Notional Sub-Fund in chapter 4.

Employer contributions to meet scheme administration expenses and PPF Levies

6.7. Total contributions paid to the scheme during the period to meet scheme administration expenses (including investment advisor fees, where they are not set off against investment returns) and / or PPF Levies must be extracted from the scheme records. These expenses must be allocated to the post Cut-Off Date Notional Sub-Fund based on the ratio of the liabilities attributed to the post Cut-Off Date Notional Sub-Fund to total pension scheme liabilities, as reported at the previous Valuation Date.

Assets paid in as part of a Bulk Transfer and Individual transfers in

6.8. The amount of any additional assets, received as part of a Bulk Transfer into the scheme or due to individual transfers in, must be allocated to the post Cut-Off Date Notional Sub-Fund, using the same proportion used to allocate the additional liabilities received to the post Cut-Off Date Notional Sub-Fund in chapter 4, ie using a member's pensionable service or a more detailed calculation.

Benefits paid or transferred out

6.9. Total pension scheme benefits paid during the period must be obtained from the scheme's administrator, including those DB benefits accrued from, or converted from, members' Additional Voluntary Contributions. For this purpose, benefits paid includes transfer values out of the scheme on an individual basis (eg to a personal pension).

6.10. Licensees must allocate total pension scheme benefits paid to the post Cut-Off Date Notional Sub-Fund by extracting the benefit paid amounts in respect of the post Cut-Off Date Notional Sub-Fund from the pension administration records.

Money paid out to meet scheme administration expenses and PPF Levies

6.11. The total money paid out of the scheme during the period to meet scheme administration expenses (including investment advisor fees, where they are not set off against investment returns) and / or PPF Levies must be extracted from the scheme records. These expenses must be allocated to the post Cut-Off Date Notional Sub-Fund based on the ratio of the liabilities attributed to the post Cut-Off Date Notional Sub-Fund to total pension scheme liabilities, as reported at the previous Valuation Date.

Assets paid out as part of a Bulk Transfer

6.12. Amounts paid out of the scheme as a result of a Bulk Transfer must be allocated to the post Cut-Off Date Notional Sub-Fund based in the same proportion as the reduction in liabilities were allocated to the post Cut-Off Date Notional Sub-Fund in chapter 4 (ie using a member's pensionable service or a more detailed calculation).

Other payments

6.13. The amount of any other payments out of the scheme not reported above, since the last Valuation in respect of post Cut-Off Date pensionable service must be reported separately. These must be allocated in the same proportion as the allocations of liabilities to which they relate.

Actual investment return on assets during the period

6.14. The actual total investment return achieved by each pension scheme in each year of the relevant period (net of expenses including investment management fees) must be extracted from scheme records. Except as noted in paragraphs 6.15 to 6.19 below, these annual actual total investment returns must be attributed to the post Cut-Off Date Notional Sub-Fund. This will be done using the annual average investment returns achieved across all asset classes, ie equities, fixed interest bonds, index-linked bonds etc, assuming that annual net cashflows (including assets paid in or out) as reported in the asset reconciliation statement arise evenly each year.

6.15. Where a scheme operates Liability Driven Investment or hedging strategies specified against part of their fund, the returns on these assets must be allocated to the relevant Notional Sub-Fund(s) first and must be excluded from the allocation of the remainder of the investment returns between the various Notional Sub-Funds as described below.

6.16. For the remaining assets there are two options dependent on whether the scheme has a separate sub-funds policy (as evidenced in their SFP or SIP) or not:

(a) Some schemes will have an actual sub-fund that includes one or more of the Notional Sub-Funds. For schemes where this is the case, the investment return derived from those assets must be allocated to the Notional Sub-Funds included in the separated (legal or otherwise) sub-fund, using the total investment return in that actual sub-fund rather than the total investment return for the scheme as a whole.

(b) For schemes where the investment strategy has been considered for the scheme as a whole (with no separated (legal or otherwise) sub-funds) and with a regular re-balancing of investments against strategy and between Notional Sub-Funds, the attribution must be made by using the overall scheme return over the period derived from aggregated asset and cash flow data.

6.17. For example, applying (a) above for a separate (legal or otherwise) sub-fund being maintained for the pre Cut-Off Date liabilities of the scheme, then the portion of the actual total investment return during the period allocated to the pre Cut-Off Date Notional Sub-Fund must be based on the actual investment returns achieved during the period for the separate pre Cut-Off Date sub-fund. Similarly, the portion of the actual total investment return allocated to the post Cut-Off Date Notional Sub-Funds must be based on the actual investment returns on the remaining scheme assets (ie those maintained for the post Cut-Off Date liabilities) during the period.

6.18. The sum of each Notional Sub-Fund's investment return during the period must equal the actual total investment return during the period for the pension scheme as a whole. In following this approach, licensees must apply reasonable and prudent judgement.

6.19. If licensees are not using the approach in this chapter 6, they must provide written justification for the approach taken with their submission.

Adjustment to investment returns due to paragraph 5.7

6.20. Licensees wishing to adopt the default approach for making an adjustment for different pre and post retirement discount rates as described in paragraph 5.7 should make the following calculations:

(a) The weighted average discount rate in respect of Pre Cut-Off Date liabilities at the previous valuation:

Pre retirement discount rate at the previous valuation	x	Proportion of Pre Cut-Off Date liabilities at the previous valuation in respect of actives and deferred pensioners
Plus		
Post retirement discount rate at the previous valuation	x	Proportion of Pre Cut-Off Date liabilities at the previous valuation in respect of pensioners and dependants

(b) The weighted average discount rate in respect of Post Cut-Off Date liabilities at the previous valuation:

Pre retirement discount rate at the previous valuation	x	Proportion of Post Cut-Off Date liabilities at the previous valuation in respect of actives and deferred pensioners
Plus		
Post retirement discount rate at the previous valuation	x	Proportion of Post Cut-Off Date liabilities at the previous valuation in respect of pensioners and dependants

(c) The weighted average discount rate at the previous valuation:

Weighted average discount rate in respect of Pre Cut-Off Date liabilities at the previous valuation in (a)	x	Proportion of liabilities in respect of the Pre Cut-Off Date sub-fund at the previous valuation
Plus		
Weighted average discount rate in respect of Post Cut-Off Date liabilities at the previous valuation in (b)	x	Proportion of liabilities in respect of the Post Cut-Off Date sub-fund at the previous valuation

(d) The adjusted annual actual investment return for the Pre Cut-off Date sub-fund:

$$\frac{\text{Annual investment return} \times \text{Weighted average discount rate in respect of Pre Cut-Off Date liabilities at the previous valuation in (a)}}{\text{Weighted average discount rate at the previous valuation in (c)}}$$

(e) The adjusted annual actual investment return for the Post Cut-off Date sub-fund:

$$\frac{\text{Annual investment return} \times \text{Weighted average discount rate in respect of Post Cut-Off Date liabilities at the previous valuation in (b)}}{\text{Weighted average discount rate at the previous valuation in (c)}}$$

6.21. Once the adjusted annual actual investment returns have been calculated in (d) and (e), these adjusted annual actual investment returns should be used in applying the rest of the PDAM instead of the overall scheme investment return.

6.22. When the adjusted annual actual investment returns calculated in (d) and (e), are applied to:

- the assets at the previous valuation, and
- cashflows since the previous valuation

for the Pre and Post Cut-Off Date sub-funds respectively, to determine asset values at the current valuation, the sum of these two asset values is unlikely to equal the scheme's actual asset value at the current valuation. This may arise as the adjusted returns have been weighted by liabilities at the previous valuation. As such, they make no allowance for the impact of cashflows since then. Therefore, both asset values should be scaled up or down using the same scaling factor so that their sum equals the scheme's actual asset value at the current valuation.

6.23. A working sheet to provide the audit trail for these calculations for each year is provided in the excel workbook at "Paragraph 6.20 adjustments" tab.

7. Attribution of pre and post Cut-Off Date deficit to Regulated / Non-Regulated Business Activities

Pre Cut-Off Date deficit

7.1. The deficit in the pre Cut-Off Date Notional Sub-Fund, at any point in time, must be calculated as:

	the value of the liabilities attributed to the pre Cut-Off Date Notional Sub-Fund (in paragraph 4.3 of chapter 4);
minus	the value of assets attributed to the pre Cut-Off Date Notional Sub-Fund (in paragraph 5.3 of chapter 5).

Established Deficit

7.2. The Established Deficit, at any point in time, must be calculated as:

Deficit in pre Cut-Off Date Notional Sub-Fund (in 7.1 above)	x	[Pre Cut-Off Date Regulatory Fraction (as defined); minus ERDC adjustment (as calculated in chapter 9)]
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Post Cut-Off Date deficit

7.3. The deficit in the post Cut-Off Date Notional Sub-Fund, at any point in time, must be calculated as:

	the value of the liabilities attributed to the post Cut-Off Date Notional Sub-Fund (in paragraph 4.2 of chapter 4);
minus	the value of assets attributed to the post Cut-Off Date Notional Sub-Fund (in paragraph 5.2 of chapter 5).

Incremental Deficit

7.4. The Incremental Deficit, at any point in time, must be calculated as:

Deficit in post Cut-Off Date Notional Sub-Fund (in paragraph 7.3 above)	x	Post Cut-Off Date Regulatory Proportion (in paragraph 7.5 below)
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7.5. The Post Cut-Off Date Regulatory Proportion in paragraph 7.4 above must be calculated at each Valuation by weighting the Proportions Of Service in respect of the three years since the last Valuation as follows:

$$\frac{\sum \left(\begin{array}{l} \text{Proportions Of Service in each} \\ \text{post Cut-Off Date year since the} \\ \text{previous Valuation} \end{array} * \begin{array}{l} \text{Total Pensionable Salary in} \\ \text{each post Cut-Off Date year} \\ \text{since the previous Valuation} \end{array} \right)}{\text{Total Pensionable Salary for all post Cut-Off Date years since the previous Valuation}}$$

and combining this "Weighted Proportion" with the Post Cut-Off Date Regulatory Proportion at the previous Valuation as follows:

$$\frac{\left(\begin{array}{l} \text{Weighted Proportion *} \\ \text{post Cut-Off Date value} \\ \text{of benefits accrued since} \\ \text{the previous Valuation} \end{array} + \begin{array}{l} \text{Post Cut-Off Date Regulatory Proportion at} \\ \text{previous Valuation *} \text{value of post Cut-Off} \\ \text{Date benefits accrued before the previous} \\ \text{Valuation} \end{array} \right)}{\text{Total value of liabilities for all benefits accrued since post Cut-Off Date}}$$

Pension Strain Costs

7.6. Pension Strain Costs refers to the cost of providing enhanced pension benefits granted under severance or reorganisation arrangements on or after 1 April 2004. These enhanced pension benefits will be fully matched by increased contributions so no adjustment is required to the Post Cut-Off Date Regulatory Proportion for Pension Strain Costs. Where this is not the case, an adjustment must be made to reflect the mismatch.

Bulk Transfers

7.7. Where a licensee intends to admit members under a Bulk Transfer or individual transfer from another licensee, subject to the special situations exclusion in paragraphs 8.3 and 8.4 of chapter 8, the assets and liabilities associated with the transfer must be treated as relating to Non-Regulated Business Activities, in accordance with Pension Principle 2. As a result, an adjustment may be required to the Pre Cut-Off Date Regulatory Fraction and Proportions Of Service. The licensee must agree in writing with us, at least 30 days before the tables and the actuary's report are to be submitted, the approach they will use to adjust the Pre Cut-Off Date Regulatory Fraction and the Proportions Of Service determined from the RRP.

Adjustments to Pre Cut-Off Date Regulatory Fraction and Proportions Of Service

7.8. The Pre Cut-Off Date Regulatory Fraction will have been determined in advance of each Cut-Off Date. This will apply up to the next valuation date (set out in the third column of the table in paragraph 14.1 of chapter 14), subject to movements as set out in paragraphs 7.10 and 7.14, unless there are structural changes to the scheme. Where the Pre Cut-Off Regulated Fraction changes over time for the reasons explained in paragraphs 7.10 and 7.14, it will be necessary to revise the Pre Cut-Off Regulatory Fraction effective at each valuation date accordingly. This fraction will be used for truing up the costs of the immediately following three-year period to the next valuation date (set out in the third column of the table in paragraph 14.1 of chapter 14).

7.9. Where there is a structural change within a three-year review period, then adjustments to the Pre Cut-Off Date Regulatory Fraction and Proportions Of Service may also be required in situations other than due to a Bulk Transfer, eg transfers out of the scheme, changes to membership profile, and other structural changes (including sectionalisation) as set out in the Pension Principles. In these situations, the licensee must agree in writing with us, at least 30 days before the tables and the actuary's report are to be submitted, the approach to be applied to revise the Pre Cut-Off Date Regulatory Fraction and the Proportions Of Service. Any true up adjustments may be made on a time apportionment based on the date of the structural change(s). We would expect that to facilitate the apportionment, that tables P1.1 and P1.2 would need to be submitted (a) for the period from the last valuation date to the date of the structural change, and then (b) for the period from the date of the structural change to the next valuation date. For example, for scheme with a three-year review period commencing on 1 April 2013 and a structural change on 31 May 2014, then one set of tables from 1 April 2013 to 31 May 2014, and another for the period 1 June 2014 to 31 March 2016.

7.10. The non-regulated component of Pre Cut-Off Date pension liabilities should logically reduce over time in a closed pension scheme for a predominantly wires or pipes only business due to a change in the proportion of Pre Cut-Off Date liabilities attributable to regulated business activities (eg due to changes in membership profile). Thus, the allowed Pre Cut-Off Date Regulated Fraction should increase over time. This will be calculated by determining the proportion of Pre Cut-Off Date liabilities attributable to regulated business activities and the movement in this proportion from that determined at the previous price control. For DNOs, over time, this should increase the Pre Cut-Off Date Regulatory Fraction (where supported by the necessary records) from the 80:20 pragmatic split applied at DPCR4. Post DPCR4, the Pre Cut-Off Date Regulatory Fraction has already been updated using this approach. This approach to updating the Pre Cut-Off Date Regulatory Fraction is only applicable to electricity distribution licensees and may be updated at each valuation date (set out in the third column of the table in paragraph 14.1 of chapter 14). It does not apply to the calculation of any true up adjustment. Licensees using this approach to adjust their Pre Cut-Off Date Regulatory Fraction must provide detailed supporting evidence.

7.11. This calculation is set out in section B of pension workbook table P1.1 (and P2.1). The calculation is made at an individual licensee level. This takes the 80:20 split of liabilities at DPCR4, as known or implied from the 80:20 start point at DPCR4. Then, using the proportion of Pre Cut-Off Date liabilities attributable to regulated business activities, updates the Pre Cut-Off Date Regulatory Fraction for DPCR5 as at 31 March 2010 and as at 31 March 2013. This will need repeating at subsequent three-year valuation dates.

7.12. From the updated Pre Cut-Off Date Regulatory Fraction determined in paragraphs 7.9 or 7.10 will be deducted the residual balance of unfunded ERDCs from pre 1 April 2004 (see below) which will be expressed as a percentage of the Pre Cut-Off Date deficit (as calculated in chapter 9).

7.13. Data to inform a revision to the Pre Cut-Off Date Regulatory Fraction is required to be input to Section D (for structural changes in paragraph 7.9) and to Section B (for DNO specific changes in paragraph 7.10) of Table P1.1 (and P2.1) and in the detailed DB pension scheme dataset table P1.3 (and P2.3).

7.14. Where an NWO has a scheme which has a material difference in the age profile and service history of regulated and Non-Regulated scheme members (including pensioners, dependents, deferred members and actives), this may result in significant changes in the membership profile over time. Consequently, it is likely that either the pre or post Cut-Off Date Regulatory Fraction may gradually increase (or decrease), and this may not be reflected in the methodology. To ensure an equitable treatment, affected licensees⁴ must advise us where this is expected to be material. We will work with those licensees to develop the necessary reporting structure and methodology to reflect the outcome of membership profile changes in the Regulatory Fraction. Such a methodology must be transparent and the calculations supported by the underlying records as evidenced by scheme administrators or a Reporting Actuary and provide an appropriate audit trail. See also chapter 12.

Application of Regulatory Fraction

7.15. The regulatory fraction will apply in all regulatory reporting years from the Cut-Off date to the next valuation date (except for DNOs where it is fixed in the DPCR5 Final Proposals for the period 1 April 2010 to 31 March 2015, unless there are structural changes to the scheme). The revised Regulatory Fraction will then apply in all regulatory reporting years from the first valuation date after the cut-off date (ie 31 March 2016 for GDNs and TO/SOs) to the next valuation date. For GDNs and

⁴ The NGUKPS scheme covering both gas transmission and gas distribution is one example.

TO/SOs this is 1 April 2016 to 31 March 2019; and, for DNOs, this will be 1 April 2015 to 31 March 2016.

7.16. In the event that there is a structural change in a triennial period, in accordance with chapter 10, additional PDAM tables may need to be submitted. A separate regulatory fraction will then apply to the period from the Cut-Off date to the sectionalisation date (if not a valuation date) and the next valuation date.

8. Treatment of transfers in

8.1. Bulk Transfers-in which occur after the respective Cut-Off Dates will, subject to the special situations set out in paragraphs 8.3 and 8.4, be treated as relating to Non-Regulated Business Activities, ie the licensee carries all the risk that the transferred-in assets will continue to meet the transferred-in liabilities over time.

8.2. This treatment of Bulk Transfers-in may not be equitable in all situations. Where licensees regard the treatment of the transfer to be inequitable, they must apply to Ofgem, in writing and in advance of the Bulk Transfer event setting out their case. Ofgem will endeavour to respond within a reasonable period, not exceeding 30 days. If the Authority is satisfied that there are exceptional circumstances and licensees have demonstrated this, eg that the transfer relates to pre Cut-Off Date regulated activities, these costs may be treated as part of the Established Deficit and / or Incremental Deficit and may be funded accordingly (through the appropriate mechanism – specific allowance or as part of benchmarked totex).

8.3. The treatment of the assets and liabilities associated with the transfer-in of an individual Protected Person who is transferring within the industry and, whose benefits are governed by legislative requirements will be preserved in the receiving scheme provided they are not part of a Bulk Transfer.

8.4. Where a Bulk Transfer includes individuals (not just Protected Persons), transferring within the industry and whose pension benefits cannot be amended due to the provisions of the trust deed and rules of their pension arrangements or due to legislative requirements, the treatment of their assets and liabilities will be preserved in the receiving scheme. Under the Pension Principles, we retain the option to deal with Bulk Transfers on a case-by-case basis.

9. Pre Cut-off Date Regulatory Fraction and unfunded ERDCs

9.1. Unfunded residual Early Retirement Deficiency Costs (ERDCs) represent the balance of any remaining additional liabilities, resulting from early retirements due to redundancy or re-organisation prior to 1 April 2004, which were funded using surpluses rather than by increased contributions.

9.2. Since 31 March 2004, ERDCs are a matter solely for shareholders and are not funded by consumers.

9.3. The adjustment for unfunded residual ERDCs in paragraph 7.2 of chapter 7 is calculated, at any point in time, as follows:

$$\frac{\text{rolled forward amount of unfunded ERDCs}}{\text{pre Cut-Off Date deficit}}$$

The rolled forward amount of unfunded ERDCs above will be calculated as:

	amount of unfunded ERDCs at the start of the current price control period (rebased using RPI to real prices)
plus	expected returns, calculated using the vanilla weighted average cost of capital (WACC) determined for each year of the relevant price control
minus	the proportion of deficit payments that can be attributed, in line with the approach detailed in paragraph 6.5 of chapter 6, to the remaining additional liabilities which relate to unfunded ERDCs, allowing for expected returns calculated using WACC (as above) determined for the relevant price control.

10. Sectionalisation of a scheme

10.1. A licensee-sponsored DB pension scheme may be sectionalised. This may occur at any point within a price control period or 15-year notional funding period, for example, when a licensee or affiliate is sold. The licensee sectionalising a scheme must, in relation to the period from the last Valuation Date (as set out in chapter 14) up to the date of sectionalisation or sale, provide us with the information, data tables and other returns required under this PDAM for each section. When preparing its tables, the acquiring licensee(s) (in relation to the new scheme) and the selling licensee(s) (in relation to the retained scheme) must, for the period from the date of sectionalisation to the next Valuation Date (as set out in chapter 14), provide us with the information required in chapters 16, 18 and 19.

10.2. In each case the licensee must inform us in writing in advance, where possible, otherwise as soon as possible, of sectionalising a DB scheme; and Ofgem will determine the reporting requirements on a case-by-case basis and will advise the licensee within a reasonable time.

11. Pension administration records

11.1. In accordance with the Reporting of Price Control Cost Information licence condition, licensees are required to maintain (and ensure that any Affiliate or Related Undertaking of the licensee maintains) such accounting records, other records and reporting arrangements as are necessary to enable the licensee to prepare Price Control Cost Information for submission to the Authority. This includes the appropriate pension scheme administration records. Licensees, or their scheme administrators on their behalf, must maintain pension scheme administration records that contain sufficient detail to enable the attribution of pension scheme assets and liabilities to the Notional Sub-Funds to a reasonable degree of accuracy.

Employment records

11.2. In each Post Cut-Off Date year, for each pension scheme, the licensee shall determine the proportion of ongoing pension costs attributable to:

- Regulated Business Activities for the licensee;
- Regulated Business Activities for any other licensee; and
- Non-Regulated Business Activities for the licensee.
- Such proportions will represent the regulated and non-regulated post Cut-Off Date Proportions Of Service (the "Proportions Of Service") and must add up to 100 per cent.

11.3. For each licensee, the Proportions Of Service for each pension scheme will be determined each year using the ongoing DB pension cost allocation in the relevant table of the annual RRP. The Proportions Of Service determined for each pension scheme will be recorded in the triennial Pension RRP submission as set out in table(s) P1.1 (and, where relevant, P2.1).

Pension scheme administration record requirements

11.4. For the purposes of this methodology, licensees must maintain, or arrange to have maintained, records at the necessary level of granularity to enable the attribution of pension scheme assets and liabilities (for the schemes which they are a sponsor or co-sponsor) between pre and post Cut-Off Date Notional Sub-Funds.

11.5. It is recommended that licensees record, or arrange for their pension scheme administrators to record, the following:

- for each active member, the number of years of pre and post Cut-Off Date pensionable service; and

- for deferred pensioners and pensioners the proportion of benefits which relate to pre and post Cut-Off Date pensionable service.

11.6. However, licensees can record alternative data to the above, as long as the data recorded enables the attribution of total pension scheme assets and liabilities between the pre and post Cut-Off Date Notional Sub-Funds to a reasonable and appropriate degree of accuracy to complete the data table and provide an appropriate audit trail.

Triennial processing of pension scheme administration records

11.7. The licensee (and its affiliates) shall provide, or ensure that the scheme administrator provides, the required data to enable the attribution of total pension scheme assets and liabilities between the pre and post Cut-Off Date Notional Sub-Funds.

12. Alternative approach

12.1. Where a licensee proposes to adopt an alternative approach to any aspect of the methodology set out herein, they must work with us to ensure that their procedures are consistent with the spirit and intention of this guidance and that they are transparent and equitable and provides an appropriate audit trail. Any alternative approach must be submitted in writing to us three months prior to applying it. We reserve the option to consult on any alternative approach to ensure that it is equitable, actuarially sound and does not advantage or disadvantage any other licensee.

12.2. If a licensee wishes or needs to change their alternative methodology, once we have consented in writing, the process in paragraph 12.1 above must be repeated.

13. Worked Examples: Asset and liability reconciliation

13.1. The following examples are of how the asset and liability reconciliation works for the period 1 April 2010 to 31 March 2013 in each of the following circumstances:

- 1) Pension Scheme with liabilities that relate to two DNOs
- 2) Pension Scheme with liabilities that relate to one DNO and one TO / TSO with different cut-off dates, will need to complete these in 3 parts:
 - (a) 31 March 2012 - for TO for the period 1 April 2010 to 31 March 2012, as the TO needs to exclude the movements prior to the end of TPCR4, ie the cut-off date
 - (b) 31 March 2013 – for DNO for the period 1 April 2010 to 31 March 2013, as the PDAM applies from 1 April 2010 cut-off date
 - (c) 31 March 2013 – for TO for the period 1 April 2012 to 31 March 2013, as the PDAM applies from 1 April 2012 cut-off date

13.2. A similar situation occurs where National Grid Gas (NGG) NGUKPS has two cut-off dates, one at 31 March 2012 for its gas transmission licensee and one at 31 March 2013 for its gas distribution businesses. NGG will need to prepare a return for the period 1 April 2012 to 31 March 2013 applicable to its six regulated businesses. This will inform the attribution at the next review date, which is also the Cut-Off Date for gas distribution licensees.

13.3. Licensees having a scheme with two Cut-Off Dates are required to complete Tables P1.1 and P1.2 for each of the two periods as separate submissions.

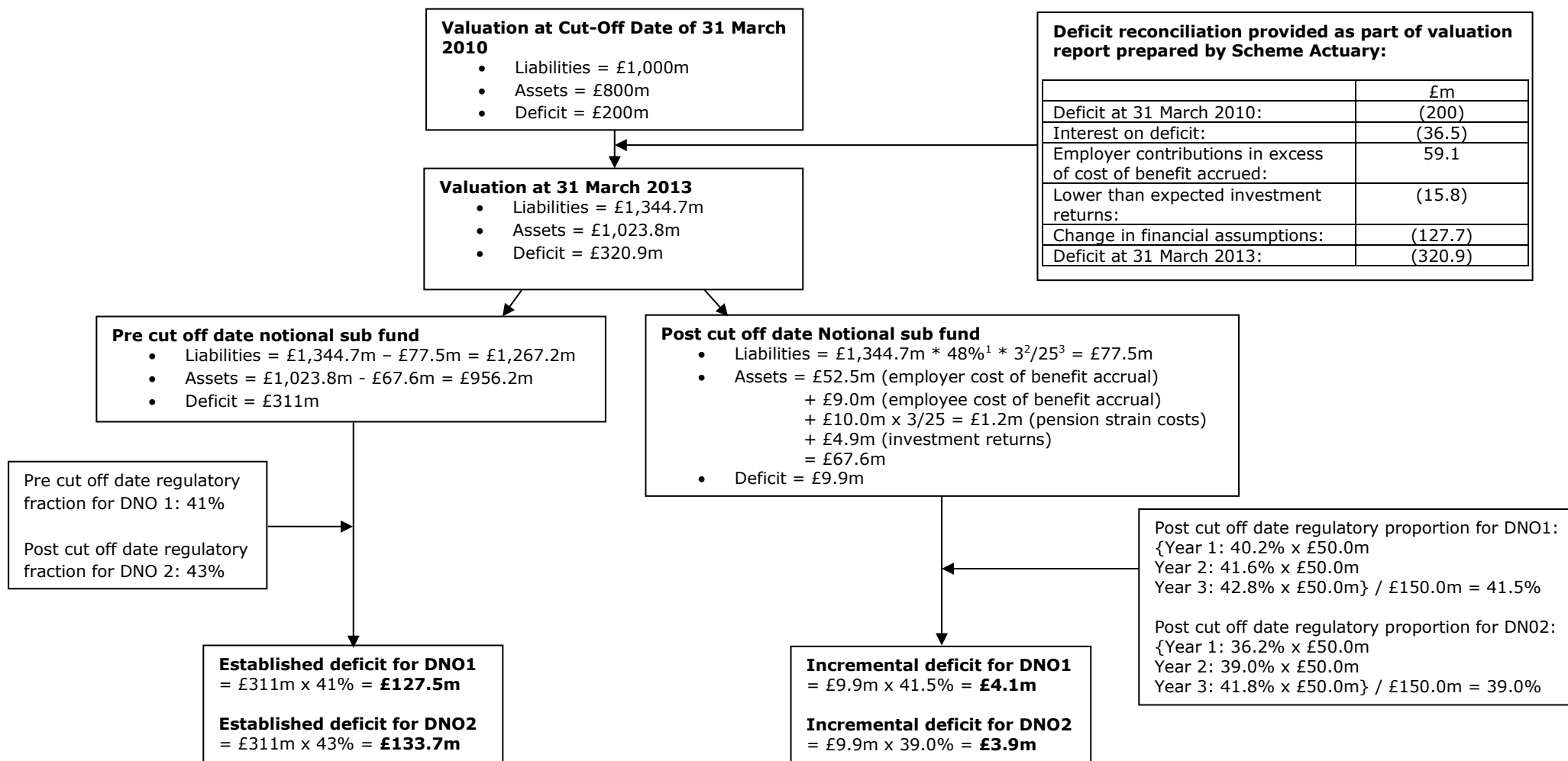
Worked Examples: Asset and liability reconciliation

Example 1 – Pension Scheme with liabilities that relate to two DNOs

Assumptions:	
Discount rate – 31.3.2010	5.75% p.a.
Discount rate – 31.3.2012	5.75% p.a.
Investment return	5.00% p.a.
Deficit contributions	£19.70m p.a.
Benefits paid	£13.33m p.a.
Pension strain costs	£3.33m p.a.
Duration of liabilities	20 years

Deficit reconciliation provided as part of valuation report prepared by Scheme Actuary:

	£m
Deficit at 31 March 2010:	(200)
Interest on deficit:	(36.5)
Employer contributions in excess of cost of benefit accrued:	59.1
Lower than expected investment returns:	(15.8)
Change in financial assumptions:	(127.7)
Deficit at 31 March 2013:	(320.9)

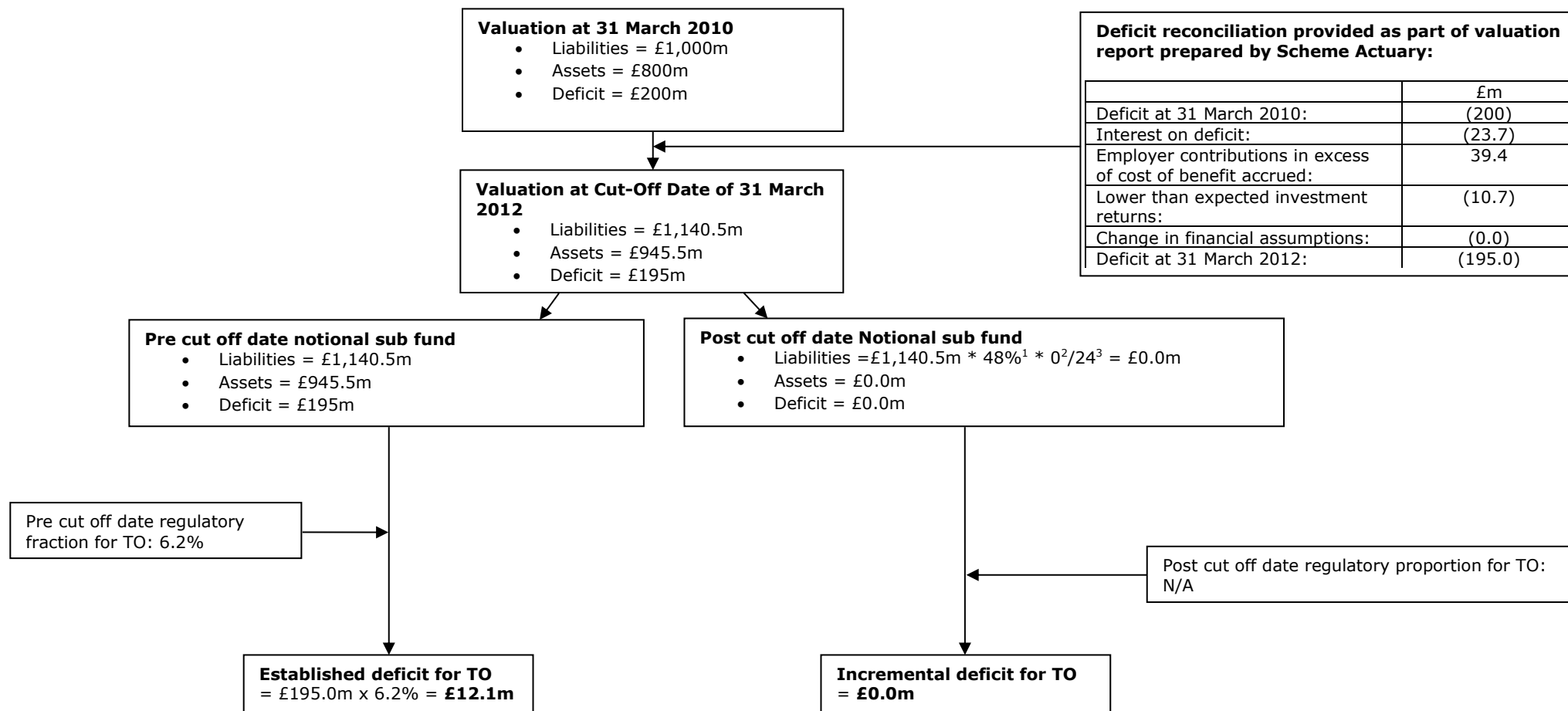


1. Assumed active proportion. For simplicity, calculation assumes there are no deferred or pensioner members with post cut off date service.
2. Liability weighted average post cut-off date service for active members.
3. Liability weighted average service for active members.

Worked Examples: Asset and liability reconciliation

Example 2 – Pension scheme with liabilities that relate to one DNO and one TO with different cut-off dates

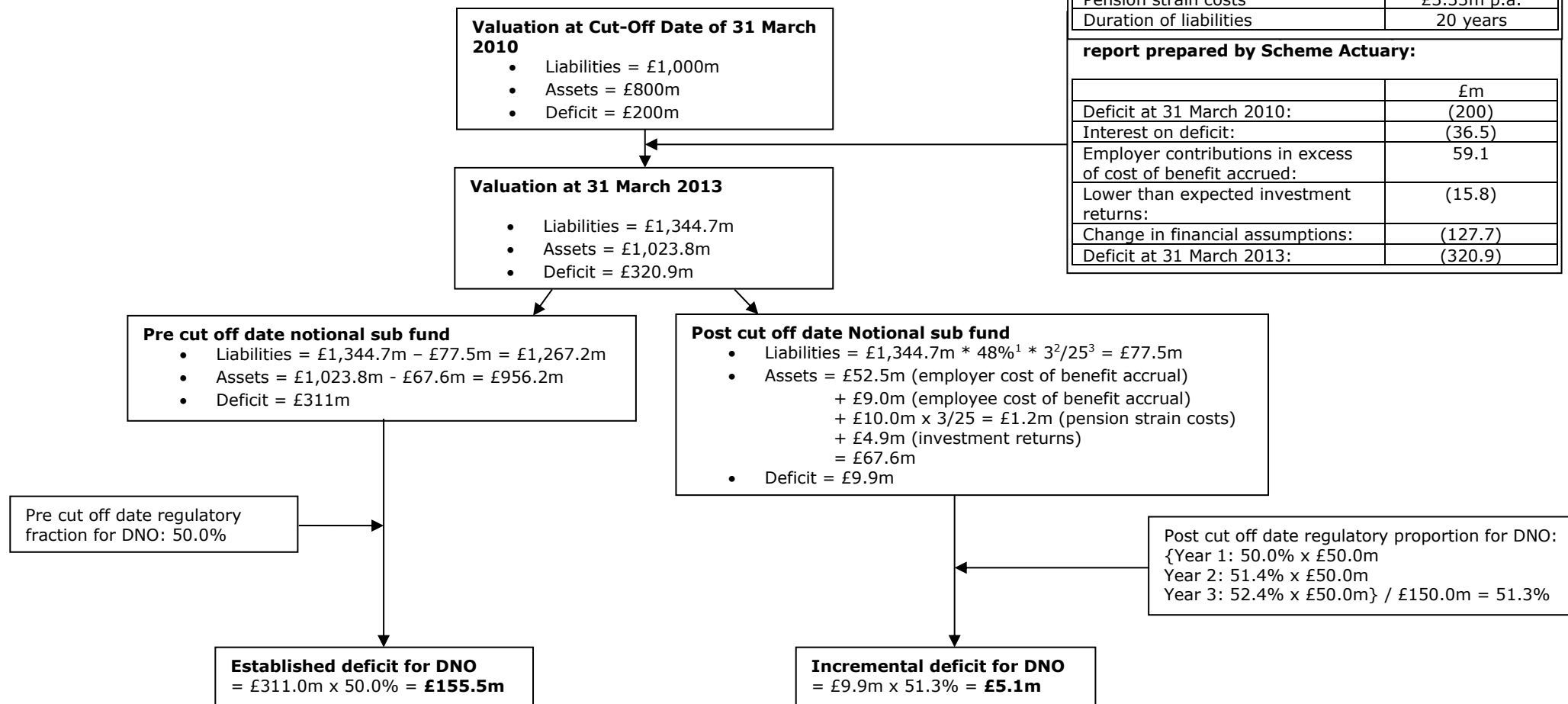
31 March 2012 - for TO



1. Assumed active proportion. For simplicity, calculation assumes there are no deferred or pensioner members with post cut off date service.
2. Liability weighted average post cut-off date service for active members.
3. Liability weighted average service for active members.

Worked Examples: Asset and liability reconciliation

31 March 2013 – for DNO



Assumptions:	
Discount rate – 31.3.2010	5.75% p.a.
Discount rate – 31.3.2013	5.25% p.a.
Investment return	5.00% p.a.
Deficit contributions	£19.70m p.a.
Benefits paid	£13.33m p.a.
Pension strain costs	£3.33m p.a.
Duration of liabilities	20 years

report prepared by Scheme Actuary:

	£m
Deficit at 31 March 2010:	(200)
Interest on deficit:	(36.5)
Employer contributions in excess of cost of benefit accrued:	59.1
Lower than expected investment returns:	(15.8)
Change in financial assumptions:	(127.7)
Deficit at 31 March 2013:	(320.9)

1. Assumed active proportion. For simplicity, calculation assumes there are no deferred or pensioner members with post cut off date service.
2. Liability weighted average post cut-off date service for active members.
3. Liability weighted average service for active members.

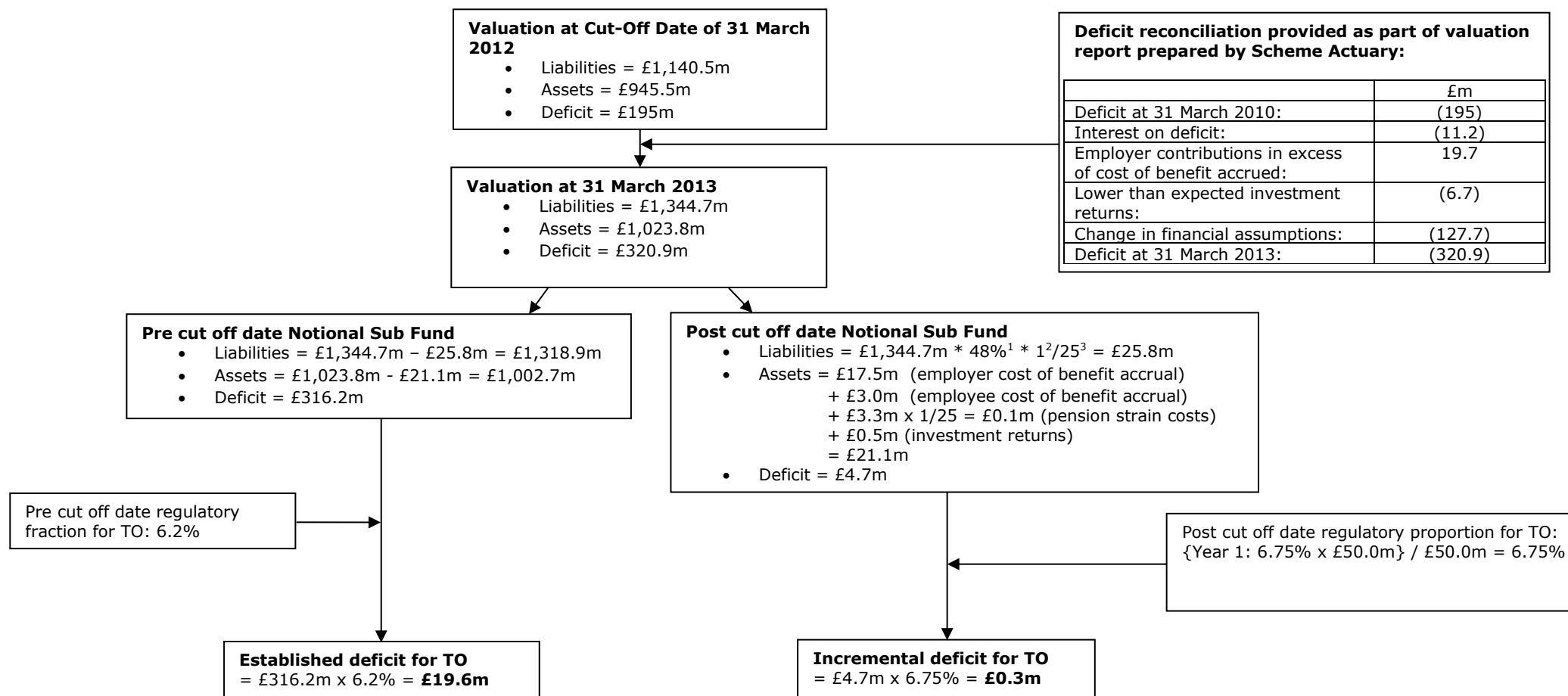
Worked Examples: Asset and liability reconciliation

31 March 2013 – for TO

Assumptions:	
Discount rate – 31.3.2012	5.75% p.a.
Discount rate – 31.3.2013	5.25% p.a.
Investment return	5.00% p.a.
Deficit contributions	£19.70m p.a.
Benefits paid	£13.33m p.a.
Pension strain costs	£3.33m p.a.
Duration of liabilities	20 years

Deficit reconciliation provided as part of valuation report prepared by Scheme Actuary:

	£m
Deficit at 31 March 2010:	(195)
Interest on deficit:	(11.2)
Employer contributions in excess of cost of benefit accrued:	19.7
Lower than expected investment returns:	(6.7)
Change in financial assumptions:	(127.7)
Deficit at 31 March 2013:	(320.9)



1. Assumed active proportion. For simplicity, calculation assumes there are no deferred or pensioner members with post cut off date service.
2. Liability weighted average post cut-off date service for active members.
3. Liability weighted average service for active members

14. Key Dates

14.1. This appendix sets out the key dates affecting pension returns, efficiency reviews, true up and reset of pension deficit allowances for each price control. This is for guidance only; reference must be made to the respective price control Financial Handbooks for definitive dates.

<i>Regulatory year ending 31 March</i>	<i>Attribution statement due date on or before 30 September</i>	<i>Based on valuation date as at 31 March</i>	<i>Reasonableness review performed</i>	<i>True up effective in revenues from 1 April</i>	<i>Reset of revenue allowances effective from 1 April</i>
2014	2014	2013	2014	2015	2015
2015	none due				
2016	none due				
2017	2017	2016	2017	2018	2018
2018	none due				
2019	none due				
2020	2020	2019	2020	2021	2021
2021	none due				
2022	none due				
2023	2023	2022	2023	2024	2024
2024	none due				
2025	none due				
2026	2026	2025	2026	2027	2027
2027	none due				
2028	none due				
2029	2029	2028	2029	2030	2030

14.2. For DNOs the notional 15-year funding period ends on 31 March 2025 and, unless there are Significant Additional Deficits, the final reset and true up adjustments using the Triennial Valuations as at 31 March 2025 will be required over 2027-28.

14.3. For TSOs the notional 15-year funding period ends on 31 March 2027 and, unless there are Significant Additional Deficits, the final reset and true up adjustments using the Valuations as at 31 March 2027 will be required over 2029-30.

14.4. For GDNs the notional 15-year funding period ends on 31 March 2028 and, unless there are Significant Additional Deficits, the final reset and true up adjustments using the Triennial Valuations as at 31 March 2028 will be required over 2030-31.

14.5. As provided for in our Pension Principles, in the event that the established deficit increases materially in the latter part of the 15-year period, the funding period may be extended at our discretion in order to protect different generations of consumers. In addition, if a new established deficit arises, following the 15-year funding period, additional allowances may be provided on a case-by-case basis where that new deficit is due to exogenous factors and not poor stewardship. This deficit must relate to pensionable service accrued up to the cut-off date and be demonstrated to be efficient

and economic by a reasonableness review. The process will be as determined under our pension methodologies and in accordance with our Pension Principles.

14.6. Valuations to be used to set initial established deficit funding allowances and initial pre Cut-Off Data Regulatory Fraction at each price control and resetting of those initial amounts are as follows:

Sector	Valuation Date	Valuation Date for resetting of initial allowances
Electricity distribution for DPCR5	30 September 2009	31 March 2010*
Transmission for TPCR4 Adapted Rollover	31 March 2011	31 March 2012*
Gas distribution for RIIO-GD1	30 June 2012	31 March 2013*
Electricity distribution for RIIO-ED1	31 December 2012	31 March 2013

*and for determining the established deficit and Pre Cut-Off Date Regulatory Fraction

14.7. Pension deficit allowances are not reset at the commencement of each subsequent price control, as there is a rolling reset and true up as set out above. As shown above the first Valuation Date after which all sectors deficit funding allowances are reset and trued up is 31 March 2013.

Reset of allowances effective from 1 April	Number of years over which reset allowances and true up adjustments are spread		
	DNOs	TOs/SOs	GDNs
2015	10	12	13
2018	7	9	10
2021	4	6	7
2024	1	3	4
2027	Final year (unless paragraph 14.5 applies)		1
2029		Final year (unless paragraph 14.5 applies)	
2030			Final year (unless paragraph 14.5 applies)

The procedures for the triennial resetting and true-up of allowances is set out in the respective Price Control Financial Handbooks for each price control. Those for RIIO-GD1 and T1 have been published. That for RIIO-ED1, will be published as part of the price control process, this will implement the methodologies in the RIIO-ED1 March 2013 Strategy Decision document Financial Issues supplement.

15. Statement by Reporting Actuary

Reporting requirement

15.1. In accordance with Chapter 3 the licensee, at its own expense, must arrange for a Reporting Actuary to prepare a report for each DB pension scheme of which the licensee is a sponsor or co-sponsor. This report must include a certificate by the Reporting Actuary that provides:

- the input information required on Table(s) P1.2 and P2.2 (where relevant);
- confirmation that the information has been prepared from the Valuation (i.e. a Triennial Valuation or an Updated Valuation) of the licensee's defined benefit pension schemes as at the Valuation Date;
- confirmation that the input information has been prepared in accordance with the methodology set out in this document; and
- confirmation that they have received all the information necessary to calculate and complete the input in accordance with this methodology as required and the source(s) of that information.

Format of certificate

15.2. This certificate must be in the following format:

I certify that:

- *the information above has been prepared from [my / A N Other's] valuation report to the Trustees of [name of scheme] dated DD MMM YYYY;*
- *the input information has been prepared for the [name of] scheme in accordance with the methodology set out in Ofgem's Pension Deficit Allocation Methodology document dated DD MMM YYYY; and*
- *that I have received all the information necessary to calculate and complete the inputs in accordance with Ofgem's Pension Deficit Allocation Methodology document as required and the source(s) of that information are shown in [insert relevant chapters of report].*

Signed:

Date:

Submission of certificate

15.3. The licensee must provide the Authority with a certified copy of the required certificate from the Reporting Actuary. It must be submitted at the same time and with the P1.2 and P2.2 data tables.

16. Instructions for completion of data tables

Introduction

16.1. The licensee is to complete all data tables for its DB pension scheme (P1.1, P1.2, P1.3 and P1.4) and, where it has a second DB scheme, tables (P2.1, P2.2, P2.3 and P2.4). It must arrange for the tables P1.2 (and, where appropriate P2.2) to be completed or signed off by a Reporting Actuary. If the licensee intends to complete tables P1.2 and P2.2 itself and not use a Reporting Actuary, then the Report should be completed and signed off by an actuary directly employed by the licensee.

16.2. Tables P1.3, P2.3 and the supporting documentation listed below are to be submitted on or before 7 July in the year specified in chapter 14 and the relevant Price Control Financial Handbook.

16.3. The complete pack, including already submitted data tables (required in paragraph 16.2 above) and the remaining PDAM tables (P1.1, P2.1, P1.2 and P2.2) are to be submitted on or before 30 September in the year specified in chapter 3 and the relevant Price Control Financial Handbook. Tables P1.3 and P2.3, P1.4 and P2.4 are to be submitted on or before 7 July in the year specified in chapter 3 and the relevant Price Control Financial Handbook. Tables P1.4 and P2.4 are to be submitted on or before 31 July in the year specified in chapter 3.

16.4. The data tables are set out in a separate excel workbook (attached).

16.5. We may need to refine the data tables based on network operators experience of completing them and to deal with any application issues which may be identified.

16.6. The pension data tables workbook comprises:

- Pension Pack cover
- Version control
- Contents
- Changes log
- P1.1 - PDAM information completed by licensee - primary scheme
- P1.2 - PDAM information completed by Actuary - primary scheme
- P1.3 - Pensions Primary scheme
- P1.4 - PPF Levies, scheme administration, contingent asset and hedging costs - Primary scheme
- P2.1 - PDAM information completed by licensee - second scheme
- P2.2 - PDAM information completed by Actuary - second scheme
- P2.3 - Pensions Second scheme

- P2.4 - PPF Levies, scheme administration, contingent asset and hedging costs
- Second scheme
- Paragraph 6.20 adjustments

Supporting documents

16.7. The following other supporting documents must be submitted (subject to paragraph 16.9) with the data tables for each scheme on or before 7 July in the year specified in chapter 14 and the relevant Price Control Financial Handbook:

- Annual audited Pension Scheme accounts
- Actuarial valuation reports
- Statement of Funding Principles
- Statement of Investment Principles
- Employer covenant review (see paragraph 16.9 below)
- Scheme narrative data tables
- Directors sign off letter on behalf of the Board

16.8. The following additional supporting documents must be submitted with the data tables (in paragraph 16.3 above) for each scheme on or before 30 September in the year specified in chapter 14 and the relevant Price Control Financial Handbook:

- Annual audited Pension Scheme accounts, if not previously provided
- Statement by Reporting Actuary on Tables P1.2 and P2.2
- Directors sign off letter on behalf of the Board

16.9. The employer covenant review is prepared for the trustees and not the licensee. Ofgem acknowledges it cannot insist on being provided with a copy and that it is at the discretion of the trustees and covenant reviewer. Licensees are required to use reasonable endeavours for Ofgem to be provided with a copy.

Purpose of data tables

16.10. The purpose of the instructions and guidance in this chapter is to provide a framework for the collection and provision of accurate and consistent cost data from NWOs.

16.11. Where a licensee utilises its own tables in order to compute an input, it is requested to submit that as support to their input and to explain its derivation. In this way additional tables may be developed to build on the existing framework in this document, eg to record the evolution of the pre Cut-Off Date Regulatory Fraction over time in licensees other than DNOs.

Worksheets – Admin

Cover – Triennial Pension Reporting Pack data tables

16.12. This worksheet is used for the NWO to enter key data including the NWO group name, the licensees that are sponsors of the pension scheme and the name of the pension schemes; and the reporting year or period. The names are linked to the relevant worksheets in the pension workbook.

16.13. Names should be entered in the yellow cells using the drop down menus, which will appear when mouse is placed on the cell.

16.14. A navigation button to the contents page is provided.

Version control

16.15. Each time the pack tables are submitted or resubmitted the version control worksheet must be completed detailing the date submitted and the changes.

Navigation

16.16. This worksheet details what tables are contained within the workbook, and provides hyperlinks to all the tables.

16.17. This worksheet also lists all the additional supporting documents that must be submitted as set out in paragraph 1.5 of chapter 1. NWOs should complete whether the document are submitted for the primary and /or the second scheme; and if not provided with the submission when each document will be submitted or, should also be used to indicate if previously submitted.

16.18. The change log is to be used to list changes made to each worksheets listing each cell changed.

16.19. Data must only be entered in cells with a yellow background. All data is to be entered as positive amounts, unless an amount is negative. Data may be entered to more than one decimal place but will only show to one decimal place.

Worked examples of completed tables

16.20. The last two worksheets are worked examples of tables P1.1 and P1.2. These may be deleted when the pack is submitted.

17. Instructions for completion of scheme data tables - Worksheets P1.1 and P2.1

17.1. These tables are identical and must be completed for the primary DB scheme (P1.1) and second DB scheme (P2.1) if the licensee group has more than one scheme. If the licensee group has more than two schemes, the latter table should be copied and renamed P3.1. As set out these tables, for DNOs they are for the period covering the years 31 March 2010 to 31 March 2013 and for the period 31 March 2012 to 31 March 2013 for TSOs. GDNs are not required to complete these tables for the March 2013 Valuations. NG may complete this to show the attributions to their GDNs as well as TSOs for their NGUKPS at 31 March 2013.

17.2. The scheme name and names of the sponsoring NWOs are automatically populated from the cover tab.

17.3. This table has eight sections:

- Section A - Pre Cut-Off Date Regulatory Fraction
- Section B - Optional Roll Forward of Pre Cut-Off Date Regulatory Fraction Update
- Section C - ERDC computation of movement in residual unfunded balance in period
- Section D - Changes to pre Cut-Off Date Regulatory Fractions
- Section E - Post Cut-Off Date Regulatory Proportion at Previous Valuation
- Section F - Calculation of Weighted Proportions Of Service
- Section G - Calculation of Post Cut-Off Date Regulatory Proportion
- Section H - Calculation of Established Deficit and Incremental Deficit

Guidance on completing the worksheet

Valuation dates

17.4. Using the drop down boxes in D8 and D9 respectively choose the date of previous, ie opening, valuation; and date of current, ie closing, valuation. These dates will auto-populate other cells as necessary.

Section A - Pre Cut-Off Date Regulatory Fraction

17.5. This section requires data entry in row 14 for each sponsor of the Pre cut-off date Regulatory Fractions as set out in the relevant Final Proposals documents, and prior to the percentage of the residual unfunded ERDCs at the opening date in cell D8.

17.6. Enter in row 15 the percentage of the residual unfunded ERDCs at the opening date in cell D8 for each sponsor.

Section B - Optional Roll Forward of Pre Cut-Off Date Regulatory Fraction Update – DNOs

17.7. This section is only to be completed by DNOs, as it calculates the movement in the optional roll forward of the Pre Cut-Off Date Regulatory Fraction as set out in chapter 7. Data should only be entered in cells with a yellow background. Other schemes may need to report alternative information as provided for in paragraph 7.14 of chapter 7 to support the methodology that is to be agreed.

17.8. This section allows for up to three sponsors for any one scheme and calculates the updated regulatory fraction for each sponsor separately.

17.9. In cells D26 to D28, G26 to G28 and J26 to J28 enter the pre cut-off date scheme liabilities attributable to each sponsor as at each of 31 March 2004, 2010 and 2013, respectively. The pre cut-off date scheme liabilities in cells G29 and J29, should equal the value of pre cut-off date liabilities detailed in table P1.2.

17.10. The columns for the year 2004, attribute liabilities between actives (plus retirees from actives after 2004) and 'pensioners & deferred members (less retirees from actives since 2004)' and the amount of each within the 80 per cent allowed proportion.

17.11. The amount of sponsor one's pre cut-off date liabilities which are attributable to Active members (plus retirees from actives after 2004) should be entered in cells D35, G35 and J35.

17.12. For sponsor one, rows 40 to 43 show the split of 'actives' and 'pensioners & deferreds' pre cut-off date liabilities attributable to regulated and non-regulated business activities. Enter in cell C40 the percentage of sponsor one's pre cut-off date active liabilities that were associated with regulated business activities at 31 March 2004, in F40 as at 31 March 2010 and at I40 as at 31 March 2013.

17.13. Cell C41 will display the balance of any of sponsor one's pre cut-off date active liabilities at 31 March 2004 associated with non-regulated business activities. Sponsor one's pre cut-off date pensioner & deferred liabilities at 31 March 2004 are then attributed between regulated and non-regulated business activities to ensure that the overall proportion of sponsor one's total pre cut-off date liabilities at 31 March 2004 allocated to regulated business activities equals 80 per cent.

17.14. Cells F41 and I41 will display the balance of any of sponsor one's pre cut-off date active liabilities associated with non-regulated business activities at 31 March 2010 and 31 March 2013, respectively. The proportion of sponsor one's pre cut-off date pensioner & deferred liabilities at 31 March 2010 and 2013 are attributed to

regulated and non-regulated business activities in the same proportion as they were at 31 March 2004.

17.15. The licensee should provide supporting data to justify the percentage entered in cells C40, F40 and I40. Each percentage needs to be fully supported with individual valuation of the original 2004 actives updated to 2010 and 2013 based on the latest available valuation data.

17.16. The orange background cells E46 and E47 are fixed and must agree with the 80:20 ratio used in DPCR4, although in some DNOs this can be 100 per cent as per DPCR4 Final Proposals

17.17. Cells H46 and K50 show the updated pre cut-off date regulatory fraction which applies to the pre cut-off date liabilities attributable to sponsor one at 31 March 2010 and 31 March 2013, respectively.

17.18. Cells H50 and K50 show the updated pre cut-off date regulatory fraction for sponsor expressed as a proportion of total pre cut-off date liabilities at 31 March 2010 and 31 March 2013, respectively.

17.19. Where there is more than one regulated sponsor, then complete parts 2 and 3, commencing at rows 53 and 75.

Section C - ERDC computation of movement in residual unfunded balance in period

17.20. This section calculates the return on the opening unfunded ERDC for each of up to three sponsoring DNOs.

17.21. Enter in cells C102, D102 and E102 for each year the vanilla WACC from the relevant Financial Model/Final Proposals to three decimal places.

17.22. In C104, F104 and I104 enter the Opening balance of the residual amount of unfunded ERDCs from the previous valuation in £m for each sponsoring DNO.

17.23. In row 106 enter in £m the proportion of employer deficit payments that can be attributed, in line with the approach detailed in paragraph 6.5 of chapter 6, to the remaining additional liabilities which relate to unfunded ERDCs, allowing for expected returns calculated using the WACC determined for the relevant price control.

17.24. At row 107, the closing balance of residual unfunded ERDCs will be shown and in cells E109, H109 and K109 the percentage reduction in the pre cut-off date regulatory fraction due to the outstanding ERDCs for each sponsoring DNO.

Section D - Changes to pre Cut-Off Date Regulatory Fractions

17.25. This section calculates the changes in the regulatory fraction for each of up to six sponsoring NWOs in the relevant period to 31 March 2013 from bulk transfers in and out of the scheme, other items and ERDCs.

17.26. Each entry in cells C117 to I122 must be evidenced with supporting data and setting out the source and the calculation of the proposed adjustment as a percentage of the scheme. Data is required where there are such adjustments in the following rows:

- Row 117 - Adjustment to Pre Cut-Off Date Regulatory Fractions due to bulk transfers in during period excluding protected persons
- Row 118 - Adjustment to Pre Cut-Off Date Regulatory Fractions due to bulk transfers in during period in relation to protected persons
- Row 119 - Adjustment to Pre Cut-Off Date Regulatory Fractions due to bulk transfers out during period excluding protected persons
- Row 120 - Adjustment to Pre Cut-Off Date Regulatory Fractions due to bulk transfers out during period in relation to protected persons
- Row 121 - Adjustment to Pre Cut-Off Date Regulatory Fractions due to other items
- Row 122 - ERDC adjustment as at 31 March 2013

Section E - Post Cut-Off Date Regulatory Proportion at Previous Valuation

17.27. This section is for the input of the opening post Cut-Off Date Regulatory Proportion

Section F - Calculation of Weighted Proportion Of Service (based on data from RRP)

17.28. This section calculates the "Weighted Proportion" from the Proportions Of Service for each year of the triennial review period ending on 31 March 2013.

17.29. Input for each NWO in each year of the triennial review period ending on 31 March 2013, the amount of pensionable salaries (before salary sacrifice) for each NWO attributable to regulated business activities for this defined benefit pension scheme. The amount of pensionable salaries not attributed to regulated business activities for an NWO should be attributed to non-regulated business activities. This amount should be sourced from each year Cost Matrix table in the annual RRP document and a source provided to the relevant table in column K.

Section G - Calculation of Post Cut-Off Date Regulatory Proportion

17.30. This section shows the Post Cut-Off Date Regulatory Proportion calculated from the inputs in sections E and F.

Section H - Calculation of Established Deficit and Incremental Deficit

17.31. This section calculates the following from the inputs in sections A to G above:

- Pre cut-off date regulatory fractions, post residual unfunded ERDCs
- the Post Cut-Off Date Regulatory Proportion
- Established Deficit (£m) at the end of the triennial period
- Incremental Deficit (£m) at the end of the triennial period.

18. Instructions for completion of scheme data tables - Worksheets P1.2 and P2.2

18.1. These worksheets are identical and should be completed for the primary DB scheme (P1.2) and second DB scheme (P2.2) if the licensee group has more than one scheme. If the licensee group has more than two schemes, the latter table should be copied and renamed P3.2. Initially, they are for the relevant period to 31 March 2013 as set out in paragraph 17.1. GDNs are not required to complete these tables for the March 2013 Valuations.

18.2. The scheme name and names of the sponsoring NWOs is automatically populated from the cover worksheet.

18.3. The worksheet has seven sections:

- Section A - Assets and Liabilities at previous valuation
- Section B - Assets and Liabilities at closing valuation
- Section C - Reconciliation of surplus / deficit
- Section D1 - Scheme liabilities and attribution (chapter 4 of Supplement One)
- Section D2 - Attribution of scheme liabilities to pre and post Cut-Off Date Notional Sub-Funds (chapter 4 of Supplement One)
- Section E - Scheme assets and attribution to pre and post Cut-Off Date Notional Sub-Funds (chapter 5 of Supplement One)
- Section F - Calculation of pre and post Cut-Off Date deficits (chapter 7 of Supplement One)

Guidance on completing the worksheets

Section A - Assets and Liabilities at previous valuation

18.4. This section requires the input of the total assets and liabilities of the named DB scheme at the previous valuation. The first time this is completed it will be at the date valuation as set out in chapter 14 being the Cut-Off Date, eg for DNOs 31 March 2010. Assets should be entered as a positive and liabilities as negative amounts respectively.

Section B - Assets and Liabilities at closing valuation

18.5. This section requires the input of the total assets and liabilities for each of actives, deferred and pensioner members of the named DB scheme at the current valuation date. The first time this section will be completed will be the valuation date set out in chapter 14, eg for DNOs and TSOs 31 March 2013, for GDNs 31 March 2016. Assets should be entered as a positive and liabilities as negative amounts respectively.

Section C - Reconciliation of scheme surplus / deficit

18.6. This section requires the input of the scheme deficit (as negative) or surplus (as a positive) of the named DB scheme at the previous valuation, eg the first time this is completed it will be the valuation as set out in chapter 14, ie for DNOs 31 March 2010. All the captured movements should be entered observing the relevant signage, ie assets and cash in as positives, outgoings as negatives.

18.7. The reconciliation should follow that in the DB scheme's latest valuation, eg 31 March 2013.

18.8. Rows 35 to 37 should be used for additional items, where material. The text in column B must be overwritten with a description.

18.9. The movements must result in the amount at cell D38 being equal to the amount in cell D21. If not, an error message will be displayed in cell D39, and the data must be corrected to eliminate the error message. The workbook must not be submitted until the error message has been eliminated.

Section D1 - Scheme liabilities and attribution

18.10. This section captures the movements in scheme liabilities from the Cut-Off Date valuation (eg 31 March 2010 for DNOs) set out in the Glossary to the current valuation (eg 31 March 2013 for DNOs).

18.11. Enter the amount of the movements in the period for each item listed in the scheme's liabilities.

18.12. Amounts should be entered as positive numbers, ie for an item increasing the liability; and a negative number for an item reducing the liability, as indicated in column A.

Section D2 - Attribution of scheme liabilities to pre and post Cut-Off Date Notional Sub-Funds

18.13. This section captures the necessary data required to attribute total DB scheme liabilities to the pre and post Cut-Off Date Notional Sub-Funds and will also show the total value of all liabilities in respect of all benefits accrued since post Cut-Off Date from the previous valuation.

18.14. Enter in rows 68, 69 and 70 (as a percentage) the proportion of the schemes active, deferred and pensioner liabilities attributable to the post-cut-off date notional sub-fund, calculated as set out in chapter 4.

18.15. Enter in cell D76 the value of liabilities at the current Valuation Date in respect of post Cut-Off Date benefits accrued up to and including the date of the previous Valuation.

18.16. Enter in cell D77 the value of liabilities at the current Valuation Date in respect of post Cut-Off Date benefits accrued since the date of previous valuation.

Section E - Scheme assets and attribution to pre and post Cut-Off Date Notional Sub-Funds

18.17. This section analyses the movement in scheme assets in the period between the opening valuation (eg the Cut-Off date) and the latest valuation and its attribution to pre and post Cut-Off Date Notional Sub-Funds.

18.18. Applying the methodology set out in chapters 5 and 6, in column C, enter the movements in the value of assets for the total DB scheme for each of the listed items in column B.

18.19. Applying the methodology set out in chapters 5 and 6, in column D, enter the movements in the value of assets attributable to the Post Cut-Off Date Notional Sub-fund for each of the listed items in column B.

18.20. No data entry is required for column E, which subtracts the amounts in column D from those in column C to show the value of assets attributable to the Pre Cut-Off Date Notional Sub-fund.

18.21. In column F for each item above, enter the basis of the calculation of the attribution to Post Cut-Off Date Notional Sub-fund, including the data (amounts) and formulae applied, where it is not the approach set out in chapters 5 and 6.

Section F - Calculation of pre and post Cut-Off Date deficits

18.22. Section F calculates the attribution of the deficit between the Pre and Post Cut-Off Date Notional Sub-funds as set out in chapter 7 from the data in Sections A to E.

Pension Supplement Two

Scheme datasets

19. Scheme datasets

Purpose

19.1. These tables (P1.3, P2.3, P1.4 and P2.4) collect data relating to each defined benefit scheme for the purpose of the triennial reasonableness review and the resetting and true up of allowances.

19.2. Tables P1.3 and P2.3 are required to be submitted on or before the 7 July in the year following the relevant valuation dates (31 March 2013, 2016, 2019, 2022), as set out in the third column of chapter 14 and the respective Price Control Financial Handbooks, which have priority. The submission should include any supporting data and the completed Commentary (set out in appendix 2).

19.3. Tables P1.4 and P2.4 are required to be submitted on or before the 31 July in the year following the relevant valuation dates (31 March 2013, 2016, 2019, 2022), as set out in the third column of chapter 14 and the respective Price Control Financial Handbooks, which have priority.

20. Instructions for completion of scheme data tables - Tables P1.3 and P2.3

Purpose

20.1. This table collects data relating to each defined benefit scheme. These worksheets are identical and should be completed for the primary DB scheme (P1.3) and second DB scheme (P2.3) if the licensee group has more than one scheme.

20.2. If the NWO group has more than two schemes, the latter table should be copied and renamed P3.3. Initially, they are for the various periods ending 31 March 2013, dependent on the data specified below.

20.3. They also collect information on all membership data and scheme data for the purposes of informing the price control on pension costs and liabilities.

20.4. The data is primarily collected as part of the panel data for the reasonableness reviews, in accordance with our approach to pension costs and set out in our pension principles; and additional information and analysis.

20.5. The scheme name and names of the sponsoring NWOs are automatically populated.

20.6. GDNs are not required to complete these P1.3 and P2.3 tables for the March 2013 Valuations.

Guidance on completing the worksheets

20.7. All data must be entered in nominal prices each year.

20.8. Data is to be provided for each DB pension scheme where there is an element relating to the regulated distribution or transportation business.

20.9. The licensee is to complete the scheme data table(s). The tables are to be submitted on or before 7 July in the year specified in chapter 14 to supplement one and the relevant Price Control Financial Handbook.

Section A: Group Scheme cashflows

20.10. This section collects information on the total group scheme cashflows for which the NWO is the sponsoring employer.

20.11. This data will enable a cross check on information in the PDAM data tables.

20.12. Cells D8 to F9, should include the amounts payable by employees and employers without adjustment to reverse for the effect of salary sacrifice amounts.

20.13. Cells H8 to J9, should include the amounts payable by employees and employers reported after reversing for the impact of salary sacrifice amounts, ie any reduction in employee contributions and increase in employer contributions from the salary sacrifice arrangements.

Section B: Investment Returns

20.14. This section collects investment returns, net of investment management fees where they are deducted from investment returns.

20.15. Rows 31 to 35: The data is required for each year from 31 March 2001 to 31 March 2013 and should be input in £m. If the licensee has not previously provided or does not have the historical data on an annual basis, it should be provided as at each full actuarial valuation date.

20.16. Row 38: The investment return assumption in each of the relevant valuations applicable to each year should be entered as a percentage, which should be the average or the weighted average of the pre- and post-retirement discount rates.

20.17. Row 39: The investment return assumption in each of the relevant recovery plans applicable to each year should be entered as a percentage, which should be the average or the weighted average of the pre and post- retirement discount rates.

20.18. Row 40: The actual investment return achieved in each year should be entered as a percentage of total assets based on scheme cashflows.

Section C: Scheme assets by class

20.19. This section collects investment returns, investment management expenses where they are deducted from investment returns for each year in the period 2001 to 2013.

20.20. Rows 44 to 62: Enter details on the assets by category held in the scheme at the 31 March each year. The data should be sourced from triennial valuations and /or annual pension scheme accounts. Where historic data is unavailable due to a scheme having been formed from a sectionalisation of a previous scheme, this should be noted in the Commentary. The opening scheme assets as at the date of sectionalisation should be entered as well as data for each year to 31 March. For the purposes of the asset allocation memorandum, enter in column B which category each asset is in for the analysis at rows 65 to 67.

20.21. Rows 65 to 67: Enter the asset allocation memorandum as percentages of the total assets in rows 44 to 62. This is the scheme's view of asset classes and these are not pre-determined as some asset categories may fall into different classes dependent on how the assets are managed.

20.22. Columns Q, R and S: Enter the estimated attribution of assets at 31 March 2013 and the asset allocation memorandum as percentages of the total assets in rows 44 to 62 and 65 to 67, to the following groups of members:

- Members in currently regulated activities
- Members in non-regulated activities
- Legacy members from businesses disposed of

It is acceptable to use an approximation if assets are not held in physically separated sub-funds attributable to any specific groups of members.

Licensees should explain how they have made their attributions in the Commentary and provide any supporting documents or analysis. Licensees must explain whether assets are, or are not, held in physically separated sub-funds attributable to any specific groups of members.

Section D: Membership data

20.23. This section seeks information on the membership of the total group and three key groups of members:

- Members in currently regulated activities
- Members in non-regulated activities
- Legacy members from businesses disposed of

20.24. This total group data should be that used in the valuation. It is not expected that this data would need to be revised in subsequent years. The analysis of members to activities and legacy members for business disposed of should be extracted from the scheme records. Licensees should explain how they have made their attributions in the Commentary and provide any supporting documents or analysis. If the individual movements are unobtainable then it is acceptable to provide at a minimum the opening balance and a single movement figure (using only the leavers row in each case) to derive the closing balance. If the licensee has not previously provided or does not have the historical data on an annual basis, it should be provided as at each full actuarial valuation date.

20.25. Rows 86 & 95: These rows are for members who became deceased during the financial year.

20.26. Row 102: New dependents must be populated with any dependent members created on the death of a member in one of the other categories.

20.27. Row 117 to 121: input the average age of members in the four categories as at 31 March 2010 and 2013.

20.28. Rows 125 to 128: Enter membership totals split between those with protected rights under the Protected Persons legislation and the remainder of the scheme.

20.29. Rows 129 to 138 are auto populated, no data entry is required.

Section E: Scheme mergers (into this scheme)/Sectionalisation

20.30. This section provides details of any mergers into this DB scheme analysed by year, collecting incoming scheme data to compare to scheme data populated from other sections. Three years are allowed for, corresponding to the three years of the current triennial period.

20.31. Rows 152 to 153: The regulatory fractions must be as used in the preceding price control. Where there is no previous regulatory fraction, or the position is uncertain, the cell should be left blank and a note included in the Commentary.

Section F: Actuarial Data

20.32. This section collects information on the actuarial valuation results for the DB scheme as at each of 31 March 2010 and 2013. This refers to scheme funding valuations rather than valuations for other purposes (for example, company accounting valuations or PPF levy valuations or sectionalisation).

20.33. Most of the information is self-explanatory and be that from the actuarial valuations as at 31 March 2010 and 2013; however, where necessary answers should be expanded in the commentary.

20.34. In cells G190 and H190 enter the total amount for salaries in the Group Accounts in each of 2010 and 2013.

20.35. In cells G194 and H194 enter the aggregate amount of deficit recovery contributions paid to the scheme in each of the three years ending 31 March 2010 and 2013.

20.36. Rows 200 to 208 and 222 to 230: As indicated, enter in columns G and H respectively whether (G) smoothing has been applied, and (H) whether account has been taken of changes in market conditions since the valuation date, in arriving at the value of assets and liabilities.

20.37. Row 219: This may be answered in the narrative commentary. It will also depend on whether smoothing is eventually prescribed and on its form.

20.38. Rows 222 to 230: Where different actuarial assumptions are used in the deficit recovery plan compared to the actuarial valuation, enter only the different assumptions compared to those for each category in row 200 to 208.

20.39. Rows 232 and 233: Specify the mortality table used, including any age ratings: eg "PMA/PFA92 U=2004 x-1" with medium cohort improvement factors subject to a 1 per cent underpin". Expand in Commentary as necessary.

20.40. Rows 238 and 239: Specify the mortality table used, including any age ratings: eg "PMA/PFA92 U=2004 x-1" with medium cohort improvement factors subject to a 1 per cent underpin. Expand in the Commentary as necessary.

20.41. Rows 244 to 259: Enter, for up to four different groups of members, the current scheme benefits applicable each different group of members. Additional columns may be copied and pasted in where there are more than four different groups.

20.42. Row 248: The rows headed "normal retirement age" are to be completed with the earliest age at which unreduced benefits are payable on age retirement (which might strictly be different to the scheme's "normal retirement age").

20.43. Rows 262 to 263: Information on AVC facilities is required only to the extent that employees can purchase additional service in the defined benefit scheme or the employer contributes in some way. AVC information is required for the DB scheme as a whole. Information is not required for defined contribution AVC schemes.

20.44. Rows 279 to 284: Data is required to be input in the year column where there was a full triennial valuation, the requested experience data, enter "na" in the other years. Where the historic data is not available, licensees should complete for their latest two valuations, ie 2010 and 2013. In the Commentary, advise if a scheme was formed after 31 March 2003 or when if it was formed from a sectionalisation of a larger scheme.

20.45. Row 279: this should be computed as the number of members retiring in the scheme in each triennial period who took a lump sum commutation payment as a percentage of all retirements in the scheme. This includes where provided those who take the 3/80ths scheme lump sum.

20.46. Row 280: this is the nominal average actual salary increases to active scheme members in the triennial period computed expressed as a percentage of each years' pensionable salary as at 1 April.

20.47. Row 281: this is the percentage increase in salary assumption in the valuation applicable to the triennial period.

20.48. Rows 286 to 313: Enter the relevant ratios. For rows 286 to 289 this is information in the Group accounts⁵ of the ultimate holding company for the relevant scheme. For rows 292 to 313 this should be derived from information in the regulatory accounts and the scheme's pension deficits at each date using the published regulatory fractions. Expand in Commentary as necessary. Pension costs are the aggregate of DB and DC scheme employer contributions, pension strain costs, deficit recovery plan funding payments, PPF levies and pension scheme administration costs, and contingent asset and hedging costs.

20.49. Rows: 292 to 313: Enter the ratios for each licensee/business activity using the regulatory fraction from the relevant Final Proposals document attributable at 31 March 2010 and 2013.

20.50. Rows 317 to 348: Enter names of all sponsoring employers within the group participating in the DB scheme; and, using the drop down box, enter "Yes" or "No" to indicate which employers were sponsors in each year.

⁵ Group accounts as prescribed in Part 15 of the Companies Act 2006

21. Instructions for completion of scheme data tables - Tables P1.4 and P2.4

Introduction

21.1. These tables collect data for each of the four (three for Section C) years ending 31 March 2013 for:

- PPF levies (section A)
- pension scheme administration costs (section B)
- contingent asset and hedging costs (section C)

GDNs are not required to complete these tables for the March 2013 Valuations.

21.2. These worksheets are identical and should be completed for the primary DB scheme (P1.4) and second DB scheme (P2.4) if the licensee group has more than one scheme.

21.3. This data required to be submitted by electricity and gas transmission and gas distribution licensees. The information is no longer collected annually in RIIO price controls and will be used to inform the true up of PPF levy and scheme administration costs where specified in the relevant Price Control Financial Handbooks.

21.4. The names of sponsoring licensees/business segments will be auto-populated from the inputs in the pack cover.

21.5. The attribution of the costs (in paragraph 21.1) should be made on the basis of the Regulatory Fraction/ Proportions Of Service at the start of the review period, eg 1 April 2010 for DNOs, 2012 for TSOs and 2013 for GDNs, and then 2016 and every three years. That basis applies unless there is a structural change, in which case different proportions would apply pre- and post-change. For earlier years the regulatory fraction used in the relevant price control should be applied.

Section A: Pension Protection Fund levies

Purpose

21.6. This section collects data on a cash basis on the Pension Protection Fund (PPF) levies for each scheme and shows the allocation of these costs between sponsoring entities. This enables reconciliation at the scheme level to the PDAM data and to the annual RIGs cost reporting packs and informs the triennial true up of these costs.

21.7. This data will be used to inform the ex post true up of PPF levy costs where specified in the relevant Price Control Financial Handbook.

Guidance on completing the worksheet

21.8. Row 6: Enter the total PPF levy for all licensee sponsored DB schemes in aggregate, paid (in cash) in the year. This is sum of the levies paid direct by the employer (not collected through the scheme contributions) and levies collected through the scheme contributions.

21.9. Rows 9 to 16: Enter the allocation of PPF levies for all licensee sponsored DB schemes in aggregate paid direct by the employer (not collected through the scheme contributions) attributed to non-regulated and each regulated business or sponsoring licensee(s).

21.10. Rows 20 to 27: Input the allocation of PPF levies for all licensee sponsored DB schemes in aggregate collected through the scheme contributions, ie not paid direct by the employer and the attribution to non-regulated and each regulated business or sponsoring licensee(s).

21.11. Rows 43-44: Input latest Dun & Bradstreet PPF failure score for the risk-based element of the levy and the date it was scored for the DB pension scheme. Where the score is based on multi-company data, enter the weighted average score (as used by the PPF) and detail the constituent scores in the Commentary.

Section B: Pension Scheme Administration costs

Purpose

21.12. This section collects data on a cash basis on each pension scheme's administration costs, ie the costs incurred by the trustees in the running of the pension scheme and (a) excludes investment management fees, and (b) includes fees for investment advice, for each scheme and shows the allocation of these costs between entities. These do not include costs incurred by the NWO or other sponsoring employers in collecting employee contributions or managing their interface with the scheme.

21.13. This data will be used to inform the ex post true up of pension scheme administration costs where specified in the relevant Price Control Financial Handbook.

Guidance on completing the worksheet

21.14. Row 47: Input the total pension administration costs for all licensee sponsored DB schemes in aggregate, showing pure administration costs. This should

(a) exclude investment management fees; and (b) include fees for investment advice.

21.15. Rows 50 to 58: Enter the allocation of administration costs paid direct by the employer (and not collected through the scheme contributions) to non-regulated and each regulated business or sponsoring licensee(s).

21.16. Rows 61 to 68: Enter the allocation of administration costs collected through the scheme contributions, ie not paid directly by the employer(s), to non-regulated and each regulated business or sponsoring licensee(s).

21.17. Row 71: Enter amount of administration costs actually paid in respect of all licensee sponsored DB schemes in aggregate in the year. This is to identify if the contributions or costs paid by licensee in respect of scheme administration during a year vary from the sum of contributions and direct payments to the scheme.

Section C: Contingent asset and derivative financial instruments costs

21.18. This section collects any cost incurred directly by the NWO, and not the scheme, in funding any contingent asset and for derivative financial instruments related to hedging pension deficits ("hedging costs"). This informs the triennial true up of these costs.

21.19. Rows 75 and 76: Input the contingent asset and hedging costs for each scheme. Where the costs are a calculation of, for example, interest paid and received on a number financial or debt instruments then the supporting calculation must be provided.

21.20. Rows 78 to 85: Enter the allocation of these costs to non-regulated and each regulated business or sponsoring licensee(s).

22. Instructions for completion of worksheet - Paragraph 6.20 adjustments

Purpose

22.1. This worksheet is set out to provide an audit trail of the calculation of the paragraph 6.20 of chapter 6 adjustments allowed in paragraph 5.7 of chapter 5. This is for licensees who adopt the default approach for making an adjustment for different pre and post retirement discount rates.

Guidance on completing the worksheet

22.2. Licensees should enter the required data for the previous valuation, which was at the 31 March 2010 for DNOs, 31 March 2012 for TSOs. It will not apply to GDNs until 2016, in rows 7 to 14 and the annual investment return for each year of the previous valuation.

22.3. Rows 19 to 21 set out the calculation for steps (a) to (c) in paragraph 6.20. No data entry is required.

22.4. Rows 23 and 24 show the result of annual investment return calculation for each year of the previous valuation. No data entry is required.

22.5. Where a licensee has more than one scheme, this worksheet may be copied and should be inserted in their workbook before the example tables.

Appendix 1 – Definitions and interpretations

Additional Voluntary Contributions (AVC) means contributions over and above a member's normal contributions, if any, which the member elects to pay to a DB scheme to obtain additional benefits

Affiliate and **Related Undertaking** have the meaning given in the NWO's licence conditions

The Authority/Ofgem/GEMA

Ofgem is the Office of the Gas and Electricity Markets, which supports the Gas and Electricity Markets Authority (GEMA), the body established by chapter 1 of the Utilities Act 2000 to regulate the gas and electricity markets in Great Britain. These terms and 'we' or 'our' may be used interchangeably

Benefits based on prospective service means those benefits whose amounts are calculated by reference to service after the calculation date, as well as service already completed

Bulk Transfer means a transfer of assets and liabilities involving individuals or groups of individuals (but not whole or substantially the whole of a scheme) into a scheme as set out in paragraphs 8.3 and 8.4 of chapter 8, or where the Authority has agreed a different treatment in special situations (as provided for in the Pension Principles)

Change in market value of investments means the change in the market value of a schemes investments over a period of time where the approach used to assess the market value of an asset is the same as the approach used for the purposes of a triennial valuation

Corporate actuary means the Actuary appointed by the licensee to prepare the input data in accordance with the PDAM and to report on such

Cut-Off Date means 31 March 2010 for DNOs, 31 March 2013 for GDNs and 31 March 2012 for TOs and SOs

Defined benefit (DB) pension scheme means a pension scheme where the benefits that accrue to members are normally based on a set formula taking into account the final salary and accrual of service in the scheme. It is also known as a final salary pension scheme

Defined contribution (DC) pension scheme means a pension scheme where the benefits that accrue to members are based on the level of cash contributions made to an individual account and the returns on those funds are used to provide a cash amount to purchase an annuity on retirement

Distribution Network Operators (DNOs) means a company which owns and operates the electricity distribution network which includes all parts of a network from 132kV down to 230V in England and Wales. In Scotland 132kV is considered as part of the transmission rather than distribution so their operation is not included in the DNO's activities

Dividends means dividends on all classes of shares paid in the year of the regulated business(es)

DPCR4

Distribution Price Control Review 4 – the price control regime for the 14 incumbent DNOs applicable for the period from 1 April 2005 to 31 March 2010

DPCR5

Distribution Price Control Review 5 – the price control regime for the 14 incumbent DNOs applicable for the period from 1 April 2010 to 31 March 2015

Early Retirement Deficiency Contributions (ERDCs) means the cost of providing enhanced pension benefits granted under severance arrangements prior to 1 April 2004 which were not fully matched by increased contributions

Established Deficit means the difference between assets and liabilities, determined at any point in time, attributable to pensionable service up to the end of the respective Cut-Off Dates and relating to Regulated Business Activities under Pension Principle 2. The term applies equally if there is a subsequent surplus

Gas Distribution Networks (GDNs) means companies which own and operate the transportation infrastructure that transports gas from the National Transmission System to final consumers and to connected system exit points

Group statutory accounts has the meaning prescribed in Part 15 of the Companies Act 2006 to Group Accounts; and relates to the Group Accounts of the participating employers of the DB pension scheme.

Incremental Deficit means the difference between the assets and liabilities, determined at any point in time, attributable to post Cut-Off Date pensionable service and relating to Regulated Business Activities. The term also applies equally where there is a surplus for the post cut-off date regulated Notional Sub-Fund

Investment income means the income received on scheme assets, net of investment management fees where it is deducted from investment income

Investment management expenses means any scheme investment management expenses which are charged separately or have not been implicitly allowed for in the "Change in market value of investments" item or as a deduction from the "Investment income" item

Liability Driven Investments (LDI) means an investment vehicle designed to match the profile of the investments more closely to the profile of the liabilities of the pension scheme for all or part of those liabilities

Low risk assets means assets where the focus is on protecting capital and gaining a modest return (eg gilts)

Network Operators (NWOs) mean companies which own and operate the gas and electricity networks in Great Britain. This includes DNOs, GDNs and TSOs

Non-Regulated Business Activities means activities which are not remunerated by base demand revenues and for TO, SOs and GDNs include excluded service, de minimis, metering, distributed generation, LNG storage and other consented activities and those activities of co-sponsoring affiliates of the licensee which are not themselves regulated NWOs. For DNOs in DPCR5 and RIIO-ED1 means non-licensed and non-regulated business activities, which are not distribution business activities of the licensee and those of co-sponsoring affiliates of the licensee which are not regulated DNOs

Notional Sub-Fund means the pre and post Cut-Off Date notional sub-funds where the assets and liabilities of a defined benefit pension scheme are reported under the PDAM. The sub-funds are notional in that there are not actual sub-funds recognised by the scheme and are a regulatory construct reported in accordance with the methodology set out in this document

Pension Protection Fund (PPF) means the statutory body established to pay compensation to members of eligible defined benefit pension schemes, when there is a qualifying insolvency event in relation to the employer; and, where there are insufficient assets in the pension scheme to cover PPF levels of compensation

PPF Levy means the levy on pension schemes by which the PPF is financed. This levy has a number of constituent elements including a fixed element (based on scheme liabilities), and a risk based element (based on the perceived insolvency risk of each scheme). Additionally there is an administration levy charged to cover the PPF running costs

Pensioner Liabilities means all pension scheme liabilities as determined by an actuarial Valuation of the pension scheme that relate to pensioners and dependents who are in receipt of a pension from that pension scheme in accordance with the scheme rules (including liabilities for benefits that will be payable on the death of such members)

Pension Methodology means the methodology for setting and resetting pension allowances as published for the respective price controls or incorporated in the licence or charge restriction conditions applicable to each licensee

Pension Principle(s)

Ofgem's price control Pension Principles and guidance notes as set out in the appendices to the Final Proposals December 2012 for each of RIIO-T1 and GD1 Finance and Uncertainty supporting documents, and the March 2013 Strategy decision document for the next electricity distribution price control ED1 – Financial issues supplement. It shall include any revision to the guidance notes issued from time to time

Pension Strain Costs mean the cost of providing enhanced pension benefits granted under severance arrangements on or after 1 April 2004 which were fully matched by increased contributions

Pre Cut-Off Date Regulatory Fraction means the opening or initial Regulatory Fraction as determined at the relevant Cut-Off Date. This fraction may be subject to adjustment after the Cut-Off Date

Post Cut-Off Date Regulatory Proportion means the proportion of a company's pension scheme liabilities that relates to licensed Regulated Business Activities after the relevant Cut-Off Date

Proportions Of Service means the annual proportion of post Cut-Off Date liabilities which can be attributed to Regulated Business Activities

Protected Persons means people covered by The Electricity (Protected Persons) (England and Wales) Pension Regulations 1990 (SI 1990/346) and Electricity (Amendment of Scottish Pension Schemes) Regulations 1990. These regulations place obligations on successor employers to fund the pension benefits accrued to date and provide a certain level of future pension benefit provision

Regulated Business Activities means for TOs, SOs and GDNs the licensed regulated business activities, ie distribution or transportation business activities and which are remunerated by base demand revenues and which are not Non-Regulated Business Activities. For DNOs, in DPCR5 and RIIO-ED1, means licensed regulated business activities, ie distribution business activities and which are not Non-Regulated Business Activities of the licensee

Regulatory Fraction means the proportion of a company's pension scheme liabilities that relates to licensed Regulated Business Activities before the relevant Cut-Off Date and does not include an adjustment for ERDCs

Reporting Actuary means the Scheme Actuary or the Corporate Actuary.

Reporting of Price Control Cost Information licence condition for DNOs this is standard licence condition 48; for GDNs and gas TSOs Standard Special Licence Condition A40; and for electricity TSOs standard licence condition B15. This includes any subsequent changes or re-numbering

Regulatory Instructions and Guidance (RIGs) has the meaning as set out in the respective **Reporting of Price Control Cost Information** licence conditions

Return seeking assets means assets which may be exposed to greater risk, but where the potential return is higher than low risk assets (eg equities)

RIIO-ED1 means the review of the price control applying to incumbent Electricity Distribution Network licensees for the period from 1 April 2015 to 31 March 2023

RIIO-GD1 means the review of the price control applying to incumbent Gas Distribution Network licensees for the period from 1 April 2013 to 31 March 2021

RIIO-T1 means the review of the price control applying to incumbent electricity and gas transmission network licensees for the period from 1 April 2013 to 31 March 2021

Regulatory Reporting Pack (RRP)

Price control cost information submitted in accordance with the RIGs and the respective Reporting of Price Control Cost Information licence conditions

Scheme actuary means the Actuary appointed by the DB Scheme's trustees to prepare and report on a Triennial Valuation

Significant Additional Deficits means a significant increase in the Established Deficit, which occurs towards the end of the notional 15-year funding period, caused by exogenous factors, for example market movements or justifiable changes in actuarial assumptions

Standard Actuarial Techniques means generally accepted actuarial techniques or methods and procedures recognised by members of the Institute and Faculty of Actuaries

Statement of Funding Principles (SFP) means the statement, prepared by the trustees to satisfy the requirements of chapter 223 of the Pensions Act 2004, which sets out their policy to meet the requirement on them for securing the Statutory Funding Objective. It also details the principal assumptions to be used for calculating the scheme's Technical Provisions

Statement of Investment Principles (SIP) means a written statement of investment objectives and the principles governing decisions about investment for a DB pension scheme, which trustees are required to prepare and maintain

Statutory Funding Objective means (as set out in chapter 222 of the Pensions Act 2004) the requirement to have sufficient and appropriate assets to cover the Technical Provisions

System Operators (SOs) means the respective operators of the Great Britain electricity and gas transmission systems

Technical Provisions means the value placed on a pension scheme's liabilities when calculated using the principal method and assumptions detailed in the Statement of Funding Principles. The general principles that are adopted by trustees are that the assumptions used, taken as a whole, will be sufficiently prudent for pensions and benefits already in payment to continue to be paid, and to reflect the commitments which will arise from members' accrued pension rights

Totex means the aggregate net network investment, net network operating costs and indirect costs, less the cash proceeds of sales of assets and scrap

TPCR4

The review of the price control applying to electricity and gas transmission network licensees (TOs and SOs) for the period from 1 April 2007 to 31 March 2012

TPCR4 Adapted Rollover

A one year roll-over of the TPCR4 price control for the period from 1 April 2012 to 31 March 2013 and for which the Pension Methodology first set out in DPCR5 and the June 2010 Pension paper⁶ applies

Transmission Owners (TOs) means the companies which own and operate the gas and electricity transmission networks in Great Britain

TSOs generic term for both TOs and SOs

Triennial Valuation means an actuarial valuation of a pension scheme which has been carried out to meet the requirements of Chapter 224(2)(a) of the Pensions Act 2004 and which details in a written report, prepared and signed by the Scheme Actuary, the value of the scheme's assets and Technical Provisions. Actuarial valuations are usually produced triennially but the term may also refer equally to any full actuarial valuation that is not an Updated Valuation

Updated Valuation means a report, prepared and signed by the Scheme Actuary, which updates a Triennial Valuation to a later date.

For the avoidance of doubt, Updated Valuations must use the Statement of Funding Principles agreed at the latest Triennial Valuation to derive the assumptions at each Valuation Date.

The actuary's report prepared for Ofgem purposes must detail, at the Valuation Date, the following:

- the market value of a DB pension scheme's assets;
- an updated calculation of the Technical Provisions based on up to date market conditions; and
- an update of the ongoing contribution rate.

In addition to the valuation, the following information must be included in the actuary's report prepared for Ofgem purposes:

- a copy of the SFP on which the roll forward valuation is based;
- a statement from that actuary setting out the basis of the valuation;
- a schedule of the actuarial assumptions used at both the last Triennial Valuation and Updated Valuation;
- an explanation of the following changes since that last Triennial Valuation:
 - Asset values and how they have been recalibrated from known asset data and latest asset allocations, which must be specified, eg index returns and which ones;
 - Movements in liabilities as a result of yields and hence inflation and discount rate assumptions;

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http://www.ofgem.gov.uk/Networks/Documents1/Price_Control_Treatment_of_Pension_Costs_final.pdf

Appendix 1: Definitions and interpretations

- Movements in contributions (specifying lump sum contributions (and date) separately from ongoing service and deficit contributions);
 - Movement from benefit payments;
 - Confirm it maintains the assumption that demographic experience is in line with assumptions in the last Triennial Valuation;
 - Significant Bulk Transfers out (eg arising from corporate transactions);
 - Significant Bulk Transfers in (eg arising from corporate transactions).
- detail of the experience items which have been reflected in the Updated Valuation including:
 - Variations in liabilities arising from salary rises, deferred pension revaluation or pension increases differing relative to assumptions;
 - Variations between actual and expected demographic experience (eg early retirement or mortality); and
 - Benefit changes.

Valuation means a Triennial Valuation or an Updated Valuation

Valuation Date means the dates set out in the relevant Price Control Financial Handbook and set out, for guidance, in chapter 14.

Appendix 2 – Commentary template

A commentary submission is required for each scheme.

P1.1/P2.1: PDAM Licensee provided data

A commentary is required to detail any other relevant items identified in the completion of this table.

<i>DNO any further response to be entered here</i>

P1.2/P2.2: PDAM Actuary provided data

A commentary is required to detail any other relevant items identified in the completion of this table.

<i>DNO any further response to be entered here</i>

P1.3/P2.3: Pension scheme data

22.6. A commentary is required to detail any other relevant items identified in the completion of this table. In particular, it should specifically include explanation of:

	Comment:
Where the employee contribution rate per the valuation/scheme rules differs from that expressed as a percentage of employee actual contribution and pensionable salary (excluding salary sacrifice) provide an explanation of the difference.	
Where the employer contribution rate per the valuation/scheme rules differs from that expressed as a percentage of employer actual contributions and pensionable salary (excluding salary sacrifice) provide an explanation of the difference.	

Appendix 2: Commentary template

Where the actual deficit funding payments vary from that using the regulatory fraction for a year, explain why this so and when the discrepancies will be remedied.	
How the attributions to segments reported have been calculated and how they differ from prior year(s).	
Where the pension scheme encompasses more than one NWO, related party or business activity how the reported amounts have been calculated.	
What steps are taken to alleviate the risk based element of the pension protection fund levy, including the current and prior year Dun & Bradstreet failure score.	
Changes in employer contribution rates across time and the reason for each change.	
Changes in employee contribution rates across time and the reason for each change.	
How the administration costs of each DB pension scheme are met, eg paid directly by the licensee, related party or collected through ingoing contributions by the pension scheme; and, if shared between companies in common ownership, the basis of attribution and whether this is consistent across time?	
<p>Provide full details of any salary sacrifice schemes, which should include:</p> <p>Date arrangements introduced and any subsequent changes.</p> <p>To which group of employees it applies.</p> <p>What percentage of members participate.</p> <p>How the reduction in salary is calculated.</p> <p>Whether the saving in employers</p>	

Appendix 2: Commentary template

National Insurance contributions is shared with employees; and, if so, explain the basis.	
Identify any differences between the assumptions used to value the past service liabilities and those used to calculate future contributions. Detail any differences, including whether the differences apply to contributions to meet future accruals, deficit recovery contributions or both.	
Where there are differences between the assumptions used to value the past service liabilities and those used to calculate future contributions, quantify the effect on the value attributable to the scheme's liabilities if the latter assumptions had been applied to the actual valuation. Provide supporting evidence of that amount.	
Comment on any significant differences between a scheme's current investment strategy and its benchmark strategy, or any agreed future changes to a scheme's investment strategy.	
If a DB scheme has closed, detail what pension benefits are provided for subsequent entrants.	
Where the employer's deficit recovery contributions (or contribution reductions for surplus) are expressed as fixed monthly amounts, detail the annual amounts.	
Where a lump sum deficit funding contribution has been made to the scheme explain the reasons, including whether it was required as part of covenant review, or trustees exercising their rights under an agreement made as part of a corporate transaction.	
Indicate if there is a significant difference in the remaining service life between non-regulated and regulated members, and provide both numbers.	

Appendix 2: Commentary template

Where the mortality tables used needs further detail – supply this here as necessary.	
State the basis on which scheme's investment management advisors are remunerated including success factors and why these fees have varied year on year.	
Where any change(s) is made to prior year membership data these should be identified and detailed.	
Detail all bulk transfers and scheme mergers from corporate transactions explaining how the valuations of assets and liabilities have been determined, e.g. actuarial assessment of assets and liabilities of relevant members.	
Detail the value of scheme assets and liabilities at the time of any merger or bulk transfer relating to that merger or bulk transfer.	
Where a pension scheme has been sectionalised provide the basis for the sectionalisation of each of the assets and liabilities; and provide supporting evidence from the scheme actuaries.	
Where there has been a change in ultimate controller(s) in the year explain whether there has been a covenant review by the trustees; and whether there has been any change in pension contributions, deficit payments or one-off lump sum deficit funding payments, additional security, contingent assets or other specific requirements by the scheme's trustees.	
For all scheme transfers in, explain the reasons for transfer, whether transfer was fully funded, and	
Have member contribution rates been reduced or increased since 2005?	

Appendix 2: Commentary template

If so, why and provide the changes.	
Has the scheme or the licensee ever restricted any new (or existing) elements of salaries to make them non-pensionable, or restricted salaries for pension scheme members relative to non-members? If so, provide details.	
Has the scheme or the licensee ever offered cash, or other benefits, in return for employees giving up their protected rights? Have there been any other modifications to protected rights terms? If so, provide details, including the percentage of eligible employees who accepted.	
Provide the period over which existing deficit as at the last triennial valuation is being funded as agreed with the Trustees and accepted by the Pensions Regulator (TPR) in the deficit recovery plan and state which triennial valuation this refers to.	
Where the latest triennial valuation has not been agreed by the sponsors and trustees, explain the reasons why and quantify the differences arising from differing views on actuarial assumptions.	
Where there have been any changes to investment managers since the last triennial valuation explain why, particularly if it relates to asset performance.	
Where the scheme used innovative investment strategies to manage their liabilities and hedge risks (eg contingent assets, longevity swaps, internal or market based inflation hedges or insurance products) explain their effect on scheme funding and de-risking (if any).	
If the established deficit has increased from that at the Cut-Off Date explain the reasons, particularly identifying and	


quantifying every item outside the control of sponsors and trustees.	
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<i>DNO any further response to be entered here</i>
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P1.4/P2.4: Pension Protection Fund (PPF), scheme administration, contingent assets and hedging costs

22.7. Commentary should specifically include explanation of:

	Comment:
Explain any material variance in the PPF levy charges compared to prior years.	
Provide explanation of any change in the any participating employers Dun & Bradstreet Failure Score; and the effect this has on the quantum of the PPF levy.	
Explain any material variance in the scheme administration charges compared to prior years.	
What the governance and control procedures are to ensure that scheme administration costs, where they are funded by additional contributions, that the actual spend is in line with contributions and that there is no material surplus or shortfall at a year end	
What the governance and control procedures the company has in place to monitor scheme administration costs and ensure that they are efficient.	
Explain what contingent asset costs have been incurred in the period.	
Provide details of any contingent assets entered into by the licensee in the period 1 April 2010 to 31 March 2013, including the main terms and conditions.	



Appendix 2: Commentary template

Provide details of each hedging instrument which is paid directly by the company (or an affiliate(s)).	
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<i>DNO any further response to be entered here</i>