**RIIO-ED1 RIGs Costs and Volumes**

**Commentary, version 2.0**

**[DNO to enter regulatory year]**

**[DNO to Enter DNO name]**

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1. Information instructions

One Commentary document is required per DNO Group. Respondents should ensure that comments are clearly marked to show whether they relate to all the DNOs in the group or to which DNO they relate.

Commentary is required in response to specific questions included in this document. The respondent is welcome to include further comments to assist in our understanding of the data provided in the Costs and Volumes Reporting Pack.

DNO’s should include supporting documentation where they consider it necessary to support their comments or where it may aid Ofgem’s understanding. Please insert an appropriate heading and commentary box in the body of this document where it is necessary to provide additional commentary.

# Aggregated worksheet commentary

At an aggregated level, rather than worksheet by worksheet level, there are two standard questions to address as follows:

* **Performance against allowance**: DNO groups should report performance against allowance for each licensee (eg “Expenditure = £8m (-£4m (33%) of £12m allowance)”) and only go on to explain any under or over spend where the materiality threshold exceeds both 20% and £1m. Variances would need to exceed both to require explanation. Any significant reprioritisation of work should be noted in the explanation.

This should only be for the following C1 aggregate levels:

* + Load Related
  + Non Load Capex (excluding Non-Operational Capex)
  + Non-Operational Capex
  + High Value Projects
  + Network Operating Costs (NOCs)
  + Closely Associated Indirects (CAIs)
  + Business Support Costs (BSCs).

This analysis should be prepared in 2012/13 prices. Performance against allowance is required to be reported by DNO licensee. The explanation of the performance should also be by licensee unless it is more appropriate to do so by DNO Group (for example where costs are shared by the DNO group). DNOs should clearly note where the explanation applies to the Group.

**Cost variance year on year**: (both 20% and £1m threshold): DNOs should explain year on year variances in total gross costs that exceed the 20% threshold. Worksheet S3 C1 movements (real) can be used in calculating the variances that require explanation.

This should only be for the following C1 aggregate levels:

* + Non-Operational Capex
  + Closely Associated Indirects (CAIs)
  + Business Support Costs (BSCs).

This analysis should be prepared in 2012/13 prices.

Variances are required to be reported by DNO licensee. The explanation of those variances should also be by licensee unless it is more appropriate to do so by DNO Group (for example where costs are shared by the DNO group). DNOs should clearly note where the explanation applies to the Group.

# Worksheet by worksheet commentary

At a worksheet by worksheet level there is one standard question to address, where appropriate, as follows:

* **Allocation and estimation methodologies**: DNOs should detail estimates, allocations or apportionments used in reaching the numbers submitted in the worksheets.

This is required for all individual worksheets (ie not an aggregate level), where relevant. Not all tables will have used allocation or estimation methods to reach the numbers. Where this is the case simply note “NA”.

Note: this concerns the methodology and assumptions and not about the systems in place to check their accuracy (that is for the NetDAR). This need to be completed for all worksheets, where an allocation or estimation technique was used.

In addition to the standard commentary questions, some questions specific to each worksheet are asked.

The full list of worksheets is provided in Appendix 1, noting which require commentary (notwithstanding the above criteria).

1. Performance against allowance and year on year cost variance

# Load-Related Expenditure

This comprises the expenditure in the following:

* C2 - Connections Inside the Price Control
* CV1 - Primary Reinforcement
* CV2 - Secondary Reinforcement
* CV3 - Fault Level Reinforcement
* CV4 - New Transmission Capacity Charges (NTCC).

|  |
| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
|  |

# Non Load Capex (excluding Non-Operational Capex)

This comprises the expenditure in the following:

* CV5 - Diversions
* CV6 - Diversions Rail Electrification
* CV7 - Asset Replacement
* CV8 - Refurbishment no Secondary Deliverable Improvement (SDI)
* CV9 - Refurbishment with a Secondary Deliverable Improvement (SDI)
* CV10 - Civil Works Condition Driven
* CV11 - Operational IT and Telecoms
* CV12 - Black Start
* CV13 - BT 21st Century (BT21CN)
* CV14 - Legal and Safety
* CV15 - North of Scotland Resilience
* CV16 - Flood Mitigation
* CV17 - Rising and Lateral Mains (RLMs)
* CV18 - Overhead Clearances
* CV19 - Worst Served Customers (WSC)
* CV21 - Losses
* C3 - Physical Security.

|  |
| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
|  |

# Non-Operational Capex

This comprises the expenditure in the following:

* C4 - IT and Telecoms (Non-Op)
* C5 - Property (Non Op)
* C6 - Vehicles and Transport (Non Op)
* C7 - STEPM (Non Op).

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| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
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| --- |
| **Cost variance year on year**: explain year on year variances that exceed the 20% and £1m threshold. |
|  |

# High Value Projects (HVPs)

This comprises the expenditure in the following:

* CV23a-e - RIIO-ED1 High Value Project 1-5
* CV24 - DPCR5 High Value Projects.

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| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
|  |

# Network Operating Costs (NOCs)

This comprises the expenditure in the following:

* CV26 - Faults
* CV27 - Severe Weather 1 in 20
* CV28 - Occurrences Not Incentivised (ONIs)
* CV29 - Tree Cutting
* CV30 – Inspections
* CV31 - Repairs and Maintenance
* CV32 – Dismantlement
* CV33 - Substation Electricity
* CV34 - Smart Meter Intervention DNO
* C8 – Remote Location Generation.

|  |
| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
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# Closely Associated Indirects (CAIs)

This comprises the expenditure in the following:

* C9 - Core Closely Associated Indirects (CAI)
* C10 - Wayleaves (CAI)
* C11 - Vehicles and Transport (CAI)
* CV35 - Operational Training (CAI).

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| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
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| **Cost variance year on year**: explain year on year variances that exceed the 20% and £1m threshold. |
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# Business Support Costs (BSCs)

This comprises the expenditure in the following:

* C12 - Core Business Support
* C13 - IT and Telecoms (Business Support)
* C14 - Property Management (Business Support).

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| --- |
| **Performance against allowance**: report performance against allowance for each licensee and explain any under or over spend where the materiality threshold exceeds 20% and £1m. |
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| **Cost variance year on year**: explain year on year variances that exceed the 20% and £1m threshold. |
|  |

1. Table by table commentary – cost tables

# C1 – Cost Summary

|  |
| --- |
| **Allocation and estimation methodologies:** detail estimates, allocations or apportionments used in reaching the numbers submitted (not covered in the table by table commentary below), including:   * the allocation of shared indirect costs across DNOs in group * allocation of income relating to CAIs * allocation of income relating to BSCs and non-operational capex * Indirect activity allocations to connections outside of price control * Indirect activity allocations to non-distribution (excluding connections). |
|  |

# C2 - Connections Inside the Price Control

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C3 - Physical Security

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C4 - IT and Telecoms (Non-Op)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **Change to IT strategy:** Detail any significant change in the IT Strategy since submission of business plan and note the effect on IT and Telecoms (Non-Op) expenditure. Please also note any changes in the strategy on C13 – IT and Telecoms (Business Support) and CV11 – Operational IT and Telecoms. |
|  |

# C5 - Property (Non Op)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C6 - Vehicles and Transport (Non Op)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C7 - STEPM (Non Op)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **Additions to list in the definition:** detail any small tools, plant or equipment that are not listed in the current definition but are in your costs. |
|  |

# C8 – Remote Generation Opex

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C9 - Core Closely Associated Indirects (CAI)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C10 - Wayleaves (CAI)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C11 - Vehicles and Transport (CAI)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C12 - Core Business Support

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C13 - IT and Telecoms (Business Support)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **Change to IT strategy:** Note the effect of the any reported change (in the commentary for C4) on IT and Telecoms (Business Support) expenditure. |
|  |

# C14 - Property Management (Business Support)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C15 - Atypicals Non Severe Weather

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

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| --- |
| **Description of atypical event:** list and provide a brief description of all added atypical events in the worksheet. |
|  |

# C16 - Smart Meter Outside the Price Control

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C17 - Legacy Meters

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C18 - De Minimis

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C19 - Other Consented Activity

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **Description of Other Consented Activity:** provide a brief description of all listed Other Consented Activities in the worksheet. |
|  |

# C20 - Connections Outside the Price Control

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C21 - Out of Area Networks

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C22 - Pass-through

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C23 - Other Non Activity Based Costs (NABC)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# C24 - Related Party Margin

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| --- |
| **Allocation and estimation methodologies:** detail estimates, allocations or apportionments used in reaching the numbers submitted (how is the related party margin calculated). |
|  |

|  |
| --- |
| **Other related parties:** the worksheet allows DNOs to report data for up to fifteen related parties that transact with the DNO. Where the DNO transacts with more than fifteen related parties the tables in the worksheet must be completed for those related parties that have the highest turnover from the DNO. For other related parties report names and the details in the worksheet below. |
|  |

|  |
| --- |
| **Recharges from group affiliates and related undertakings:** providea detailed explanation of the margins included in recharges from group affiliates and related undertakings that do not directly trade with the DNO to each of the listed related parties. |
|  |

1. Table by table commentary – cost and volume tables

# CV1 - Primary Reinforcement

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Description of “Other” reinforcement activities:** provide a brief description of all listed “Other” reinforcement activities in the worksheet. |
|  |

# CV2 - Secondary Reinforcement

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **Description of “Other” reinforcement activities:** provide a brief description of all listed “Other” reinforcement activities in the worksheet. |
|  |

# CV3 - Fault Level Reinforcement

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| **Description of “Other” fault level constraint schemes:** provide a brief description of all listed “Other” fault level constraint schemes in the worksheet. |
|  |

# CV4 - New Transmission Capacity Charges (NTCC).

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV5 - Diversions

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV6 - Diversions Rail Electrification

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

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| --- |
| **Description of projects:** provide a brief description of all rail electrification projects (by rail line). |
|  |

# CV7 - Asset Replacement

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV8 - Refurbishment no Secondary Deliverable Improvement (SDI)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV9 - Refurbishment with a Secondary Deliverable Improvement (SDI)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV10 - Civil Works Condition Driven

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV11 - Operational IT and Telecoms

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

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| --- |
| **Change to IT strategy:** Note the effect of the any reported change (in the commentary for C4) on Operational IT and Telecoms expenditure. |
|  |

# CV12 - Black Start

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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|  |
| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV13 - BT 21st Century (BT21CN)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

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| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV14 - Legal and Safety

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

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| --- |
| **Description of “Other” legal and safety activity:** provide a brief description of all listed “Other” legal and safety activities in the worksheet. |
|  |

# CV15 - QoS and North of Scotland Resilience

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
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| --- |
| **QoS costs:** detail the additional equipment that reduces the impact of faults on customers and confirm that they could not be reported elsewhere in the pack. |
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# CV16 - Flood Mitigation

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV17 - Rising and Lateral Mains (RLMs)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. In particular report what calculation method has been used to determine km of mains length. |
|  |

# CV18 - Overhead Clearances

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV19 - Worst Served Customers (WSC)

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| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV21 - Losses

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV23a - RIIO-ED1 High Value Project 1

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV23b - RIIO-ED1 High Value Project 2

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV23c - RIIO-ED1 High Value Project 3

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV23d - RIIO-ED1 High Value Project 4

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV23e - RIIO-ED1 High Value Project 5

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV24 - DPCR5 High Value Projects.

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV25 – Moorside

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV26 - Faults

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Emerging trends:** note any emerging trends in the fault rate data for the asset categories and reasons for these trends. |
|  |

|  |
| --- |
| **Variation in fault rates:** note any significant variations in the fault rates from forecast and reasons for these. |
|  |

# CV27 - Severe Weather 1 in 20

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Severe weather 1-in-20 events:** list all the severe weather events, including the dates, included in the worksheet. |
|  |

# CV28 - Occurrences Not Incentivised (ONIs)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV29 - Tree Cutting

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Reprioritisation of volumes:** detail any reprioritisation of work from business plan. |
|  |

# CV30 – Inspections

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV31 - Repairs and Maintenance

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV32 – Dismantlement

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV33 - Substation Electricity

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Contract price and usage:** note any material change to contract prices and/or usage. |
|  |

# CV34 - Smart Meter Intervention DNO

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV35 - Operational Training (CAI)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# CV36 – Network Innovation Allowance (NIA)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Description of project:** provide a brief description of named NIA projects in the worksheet. |
|  |

# CV37 – Network Innovation Competition (NIC)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Description of project:** provide a brief description of named NIC projects in the worksheet. |
|  |

# CV38 – Innovation Funding Incentive (IFI) & Low Carbon Network (LCN) Fund

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Description of project:** provide a brief description of named LCNF projects in the worksheet. |
|  |

# CV39 – Directly Remunerated Services (DRS)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

1. Table by table commentary – volume tables

# V1 – Total Asset Movements

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# V2 – Cleansing

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# V3 – Connections

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# V4 - Other Asset Movements

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# AP1 - Age Profile

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

1. Table by table commentary – memo tables

# [M1 - Flood Mitigation (site)](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M1 - Flood Mitigation (site)'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# [M2 - DPCR5 WSC Schemes](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M2 - DPCR5 WSC Schemes'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# [M3 - ED1 WSC Schemes](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M3 - ED1 WSC Schemes'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Scheme overview:** provide an overview of each WSC scheme. |
|  |

# [M4 - Enablers for RIIO-ED2](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M4 - Enablers for RIIO-ED2'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Explanation of progress:** explain what activities have been undertaken in the regulatory year under report to progress the roll out the enablers forecast in the RIIO-ED1 Business Plan. |
|  |

|  |
| --- |
| **Description of new enabler:** Where a new enabler has been added, a detailed description of the technology, why it has been used instead of those forecast, and the incremental additional benefit this enabler will provide compared with the forecast. |
|  |

|  |
| --- |
| **Net benefit:** The net benefit of making these investments in total for all enablers in RIIO-ED1 by the end of RIIO-ED2 (regulatory year 2030-31) and over 45 years of the first deployment of any of these enablers. These should be calculated using Ofgem's RIIO-ED1 cost benefit analysis template. The net benefit calculations should be re-run each year, updating for actual activity and using the latest information to derive the forecast. |
|  |

|  |
| --- |
| **Key assumptions:** describe the key assumptions in the cost benefit analysis including, but not limited to, the low carbon scenario anticipated over the remainder of RIIO-ED1, during RIIO-ED2 and up to 45 years, with reference to how this is different to forecast used in the RIIO-ED1 business plan. The low carbon scenario assumption used in the cost benefit analysis should be the same as is used to complete the reinforcement worksheets. |
|  |

# [M5 - Severe Weather](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M5 - Severe Weather '!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Severe weather events:** list all the severe weather events, including the dates, included in the worksheet. |
|  |

# [M6 - Metal Theft](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M6 - Metal Theft'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Reporting of Metal Theft in pack:** detail where the memo costs in M6 are reported elsewhere in the pack (eg legal and safety, faults). |
|  |

# [M7 - Protection Summary](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M7 - Protection Summary'!A1)

|  |
| --- |
| **Differences in unit costs:** explain any differences in the unit costs (10% threshold) for like for like assets used in different activities. For example batteries at 132kV substations in rows 13, 38 and 49). |
|  |

# [M8 - Link Boxes](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M8 - Link Boxes'!A1)

|  |
| --- |
| **“Other” revised solutions:** list and provide a description of “other” revised solutions. |
|  |

# [M9a - Traditional Street Works (ex ante](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M9a - Trad Streetworks (ex ante'!A1))

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# [M9b - Permit & Lane Rentals (ex ante)](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M9c - Permit & Lane (reopener)'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **List of schemes:** note the full list of permit and lane rental schemes provided with an ex ante allowance and date these were established (these should not change for all RIIO-ED1 period). |
|  |

# [M9c - Permit & Lane Rentals (reopener)](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M9c - Permit & Lane (reopener)'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **List of schemes:** note the full list of permit and lane rental schemes and the date these were established for which costs are reported |
|  |

# [M10 - Shetland (SSEH)](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M10 - Shetland (SSEH)'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# [M11 - Subsea Cables](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M11 - Subsea Cables'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# [M12 - Moorside (ENWL)](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M12 - Moorside (ENWL)'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

# [M14 - Drivers](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M14 - Drivers'!A1)

|  |
| --- |
| **Allocation and estimation methodologies:** detail any estimations, allocations or apportionments to calculate the numbers submitted. |
|  |

|  |
| --- |
| **Growth factor:** explain the growth factor applied. |
|  |

# [M16 - Forecasts](file:///C:/Temp/Temporary%20Internet%20Files/Content.MSO/FA8B771.xlsx#'M17 - Forecasts'!A1)

|  |
| --- |
| **Forecasting method:** explain how forecasts were prepared and assumptions used. |
|  |

|  |
| --- |
| **Significant changes:** document any significant changes in forecasts and reasons for these at a high level. |
|  |

# Appendix 1: List of worksheets and commentary requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Worksheet** | **Commentary required** | **Performance against allowance (threshold 20% and £1m)** | **Cost variance year on year (threshold 20% and £1m)** | **Allocation/ estimation methodologies (at table level)** | **Table specific** |
| Cover Sheet | No |  |  |  |  |
| Changes Log | No |  |  |  |  |
| Data change log | No |  |  |  |  |
| Navigation | No |  |  |  |  |
| Check Sheet | No |  |  |  |  |
| I1 - PCFM Inputs 12-13 | No |  |  |  |  |
| I2 - PCFM Inputs Nominal | No |  |  |  |  |
| I3 - Licence values | No |  |  |  |  |
| I4 - Revenue Reporting Inputs | No |  |  |  |  |
| I5 - Theft Recovery | No |  |  |  |  |
| I6 - RPI | No |  |  |  |  |
| S1 - Summary of C1s | No |  |  |  |  |
| S2 - Summary of C1s (Real) | No |  |  |  |  |
| S3 - C1 Movements (Real) | No |  |  |  |  |
| S4 - C1 In Year Summary | No |  |  |  |  |
|  |  |  |  |  |  |
| **C1 - Building blocks** |  |  |  |  |  |
| Load Related | Yes | Yes |  | No | No |
| Non Load Capex (excluding Non-Operational Capex) | Yes | Yes |  | No | No |
| Non-Operational Capex | Yes | Yes | Yes | No | No |
| High Value Projects | Yes | Yes | No | No | No |
| Network Operating Costs (NOCs) | Yes | Yes | No | No | No |
| Closely Associated Indirects (CAIs) | Yes | Yes | Yes | No | No |
| Business Support Costs (BSCs) | Yes | Yes | Yes | No | No |
| Other Costs Inside the Price Control | No | No | No | No | No |
|  |  |  |  |  |  |
| C1 - Cost Matrix | Yes | Yes | Yes | Yes | No |
| C2 - Connections Inside the Price Control | Yes | No | No | Yes | No |
| C3 - Physical Security | Yes | No | No | Yes | No |
| C4 - IT and Telecoms (Non-Op) | Yes | No | No | Yes | Yes |
| C5 - Property (Non Op) | Yes | No | No | Yes | No |
| C6 - Vehicles and Transport (Non Op) | Yes | No | No | Yes | No |
| C7 - STEPM (Non Op) | Yes | No | No | Yes | Yes |
| C8 - Remote Generation Opex | Yes | No | No | Yes | No |
| C9 - Core Closely Associated Indirects (CAI) | Yes | No | No | Yes | No |
| C10 - Wayleaves (CAI) | Yes | No | No | Yes | No |
| C11 - Vehicles and Transport (CAI) | Yes | No | No | Yes | No |
| C12 - Core Business Support | Yes | No | No | Yes | No |
| C13 - IT and Telecoms (Business Support) | Yes | No | No | Yes | Yes |
| C14 - Property Management (Business Support) | Yes | No | No | Yes | No |
| C15 - Atypicals Non Severe Weather | Yes | No | No | Yes | Yes |
| C16 - Smart Meter Outside the Price Control | Yes | No | No | Yes | No |
| C17 - Legacy Meters | Yes | No | No | Yes | No |
| C18 - De minimis | Yes | No | No | Yes | No |
| C19 - Other Consented Activity | Yes | No | No | Yes | Yes |
| C20 - Connections Outside the Price Control | Yes | No | No | Yes | No |
| C21 - Out of Area Networks | Yes | No | No | Yes | No |
| C22 - Pass-through | Yes | No | No | Yes | No |
| C23 - Other Non Activity Based Costs (NABC) | Yes | No | No | Yes | No |
| C24 - Related Party Margin | Yes | No | No | Yes | Yes |
|  |  |  |  |  |  |
| CV1 - Primary Reinforcement | Yes | No | No | Yes | Yes |
| CV2 - Secondary Reinforcement | Yes | No | No | Yes | Yes |
| CV3 - Fault Level Reinforcement | Yes | No | No | Yes | Yes |
| CV4 - New Transmission Capacity Charges (NTCC) | Yes | No | No | Yes | No |
| CV5 - Diversions | Yes | No | No | Yes | No |
| CV6 - Diversions Rail Electrification | Yes | No | No | Yes | Yes |
| CV7 - Asset Replacement | Yes | No | No | Yes | No |
| CV8 - Refurbishment no Secondary Deliverable Improvement (SDI) | Yes | No | No | Yes | No |
| CV9 - Refurbishment with a Secondary Deliverable Improvement (SDI) | Yes | No | No | Yes | No |
| CV10 - Civil Works Condition Driven | Yes | No | No | Yes | No |
| CV11 - Operational IT and Telecoms | Yes | No | No | Yes | Yes |
| CV12 - Black Start | Yes | No | No | Yes | Yes |
| CV13 - BT 21st Century (BT21CN) | Yes | No | No | Yes | Yes |
| CV14 - Legal and Safety | Yes | No | No | Yes | Yes |
| CV15 - QoS and North of Scotland Resilience | Yes | No | No | Yes | Yes |
| CV16 - Flood Mitigation | Yes | No | No | Yes | Yes |
| CV17 - Rising and Lateral Mains (RLMs) | Yes | No | No | Yes | No |
| CV18 - Overhead Clearances | Yes | No | No | Yes | Yes |
| CV19 - Worst Served Customers (WSC) | Yes | No | No | Yes | No |
| CV20 - Visual Amenity | No | No | No | No | No |
| CV21 - Losses | Yes | No | No | Yes | No |
| CV22 - Environmental Reporting | No | No | No | No | No |
| CV23 - RIIO-ED1 High Value Projects (HVP) Summary | Yes | No | No | Yes | No |
| CV23a - RIIO-ED1 High Value Project 1 (HVP1) | Yes | No | No | Yes | No |
| CV23b - RIIO-ED1 High Value Project 2 (HVP2) | Yes | No | No | Yes | No |
| CV23c - RIIO-ED1 High Value Project 3 (HVP3) | Yes | No | No | Yes | No |
| CV23d - RIIO-ED1 High Value Project 4 (HVP4) | Yes | No | No | Yes | No |
| CV23e - RIIO-ED1 High Value Project 5 (HVP5) | Yes | No | No | Yes | No |
| CV24 - DPCR5 High Value Projects | Yes | No | No | Yes | No |
| CV25 - Moorside | Yes | No | No | Yes | No |
| CV26 - Faults | Yes | No | No | Yes | Yes |
| CV27 - Severe Weather 1 in 20 | Yes | No | No | Yes | Yes |
| CV28 - Occurrences Not Incentivised (ONIs) | Yes | No | No | Yes | No |
| CV29 - Tree Cutting | Yes | No | No | Yes | Yes |
| CV30 - Inspections | Yes | No | No | Yes | No |
| CV31 - Repairs and Maintenance | Yes | No | No | Yes | No |
| CV32 - Dismantlement | Yes | No | No | Yes | No |
| CV33 - Substation Electricity | Yes | No | No | Yes | Yes |
| CV34 - Smart Meter Intervention DNO | Yes | No | No | Yes | No |
| CV35 - Operational Training (CAI) | Yes | No | No | Yes | No |
| CV36 - Network Innovation Allowance (NIA) | Yes | No | No | Yes | No |
| CV37 - Network Innovation Competition (NIC) | Yes | No | No | Yes | No |
| CV38 - Innovation Funding Incentive (IFI) & Low Carbon Network (LCN) Fund | Yes | No | No | Yes | No |
| CV39 - Directly Remunerated Services (DRS) | Yes | No | No | Yes | No |
|  |  |  |  |  |  |
| V1 - Total Asset Movements | Yes | No | No | Yes | No |
| V2 - Cleansing | Yes | No | No | Yes | No |
| V3 - Connections | Yes | No | No | Yes | No |
| V4 - Other Asset Movements | Yes | No | No | Yes | No |
| V5 - Volume Matrix | No |  |  |  |  |
| AP1 - Age Profile | Yes | No | No | Yes | No |
|  |  |  |  |  |  |
| M1 - Flood Mitigation (site) | Yes | No | No | Yes | No |
| M2 - DPCR5 Worst Served Customer (WSC) Schemes | Yes | No | No | Yes | No |
| M3 - ED1 Worst Served Customer (WSC) Schemes | Yes | No | No | Yes | Yes |
| M4 - Enablers for RIIO-ED2 | Yes | No | No | Yes | Yes |
| M5 - Severe Weather | Yes | No | No | Yes | Yes |
| M6 - Metal Theft | Yes | No | No | Yes | Yes |
| M7 - Protection Summary | Yes | No | No | No | Yes |
| M8 - Link Boxes | Yes | No | No | No | Yes |
| M9a - Traditional Street Works (ex ante) | Yes | No | No | Yes | No |
| M9b - Permit & Lane Rentals (ex ante) | Yes | No | No | Yes | Yes |
| M9c - Permit & Lane Rentals (reopener) | Yes | No | No | Yes | Yes |
| M10 - Shetland (SSEH) | Yes | No | No | Yes | No |
| M11 - Subsea Cables | Yes | No | No | Yes | No |
| M12 - Moorside (ENWL) | Yes | No | No | Yes | No |
| M13 - Uncertainty Mechanism Information | No |  |  |  |  |
| M14 - Drivers | Yes | No | No | Yes | No |
| M15 - Modern Equivalent Asset Value (MEAV) | No |  |  |  |  |
| M16 - Forecasts | Yes | No | No | Yes | Yes |