

**RP6 Network Investment Business Plan**

**Commentary Template**



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Commentary Template

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# Introduction

## Overview

### The commentary template provides the opportunity for the company to explain the reasons for proposed costs. It will be used in conjunction with the data tables, to understand the structures and operations of the company.

### A full commentary addressing all material issues will help reduce the number of follow up questions and time spent by both the Utility Regulator (UR) and company staff.

### This document has been created such that the company shall insert their comments in the sections identified below in yellow. No additional or freeform document need be created but instead we request the company insert an appropriate chapter heading and commentary box in the body of this document where it is necessary to provide additional commentary.

### Backup documents referenced in the commentary should be attached as Annexes to the submission of this commentary. An electronic copy of any Annex shall be provided. The file name used for the electronic copy of any Annex should include a reference to the relevant section of the commentary and be structured so that the order of the file name is the order they appear in the commentary.

### If the company wishes to request allowances for new projects, a new table should be inserted in the document and completed per the headings. Each new allowance code should be in the 200 range (e.g. D201/T201) to differentiate from existing allowance codes.

### Where a specific project is complete and no further allowance is requested (e.g. T07: Kells 110kV S/S) this should be identified in the commentary

# General Commentary

### The company should provide general commentary on the following issues

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| *The company should identify and provide an explanation of any material issues which, in the company’s opinion, might prevent it from delivering the RP5 outputs* in full. |
| Type commentary here |

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| *The company should provide general commentary on the allocation of direct costs allowing specific comments on individual allowances to be provided under Section 3.* |
| Type commentary here |

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| *The company should provide general commentary on the allocation of indirect costs allowing specific comments on individual allowances to be provided under Section 3.* |
| Type commentary here |

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| *The company should provide general commentary on data assurance allowing specific comments on individual allowances to be provided under Section 3.* |
| Type commentary here |

# Commentary tables per workbook section

## Introduction

### For the Network Investment Business Plan Workbook we set out the categories of commentary as follows:

## The Navigation (‘Nav’) worksheet

### Key, version submission control and worksheets

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| Please detail any suggested edits and rationale for these |
| *Type commentary here* |
| Additional commentary/documentation |
| *Type commentary here* |

## The Change Log worksheet

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| Please detail any suggested edits and rationale for these |
| *Type commentary here* |
| Additional commentary/documentation |
| *Type commentary here* |

## Transmission & Distribution Allowance Worksheets

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| D06: Distribution Towers |
| Linking investment with outputs |
| *Type commentary here* |
| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| D07: 33kV Overhead Lines |
| Linking investment with outputs |
| *Type commentary here* |
| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D08: 11kV Overhead Lines |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D09: LV Lines |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| D10: Undereaves |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D13: Primary Plant |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D14: Primary Transformers |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D15: Secondary Substations |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D16: Distribution Cables |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D17: Distribution Fault & Emergency |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D18: Distribution Reactive |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D20: Distribution Design & Consultancy |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D39: SCADA |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D41: Operational Telecoms Network |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D43: Distribution ESQCR |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D44: Distribution Capitalised Overheads |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D49: Smart Grid |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D50: Distribution Flooding Enforcement |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D51: Public Realms |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D56: Tree Cutting |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D57: Distribution Load Related |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| D101: Non-recoverable Alterations |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| D2xx: New Allowance |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T06: Transmission Plant Switch Houses |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T07: Kells 110kV S/S |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T08: Tandragee 110kV S/S |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T09: Castlereagh 110kV S/S |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T10: Replace 110kV Switchgear |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T11: 275kV Plant Ancillaries |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T12: 110kV Plant Ancillaries |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
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| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T13: 275/110kV Transformer Replacement |
| Linking investment with outputs |
| *Type commentary here* |
| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| T14: 110/33kV Transformer Replacement |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T15: 22kV Reactor Replacement |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| T16: Transmission Transformer Refurbishment |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T17: 275kV Overhead Line Asset Replacement |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T19: 110kV Overhead Line Asset Replacement |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| T20: Transmission Cables |
| Linking investment with outputs |
| *Type commentary here* |
| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| T21: Transmission Fault & Emergency |
| Linking investment with outputs |
| *Type commentary here* |
| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T22: Transmission Reactive |
| Linking investment with outputs |
| *Type commentary here* |
| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T23: Transmission Design & Consultancy |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T36: Belfast North Main 110/33kV Bulk Supply Substation |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
| *Type commentary here* |

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| T41: Transmission Capitalised Overheads |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T42: Substation Flooding Enforcement |
| Linking investment with outputs |
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| Assessing the Scope of Work |
| *Type commentary here* |
| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
| *Type commentary here* |
| Assessment of direct and indirect costs |
| *Type commentary here* |
| *Carbon impact of investment* |
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| T43: Transmission ESQCR |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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| T2xx: New Allowance |
| Linking investment with outputs |
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| Assessing the Scope of Work |
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| Cost Estimating Systems |
| *Type commentary here* |
| Assessing Deliverability and Project Expenditure Profile |
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| Assessment of direct and indirect costs |
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| *Carbon impact of investment* |
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