Scottish Hydro Electric Transmission plc

Reporting year:

Executive Summary

Chapter 1 – Table commentary

1.1 Income statement

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.2 Financial Position

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.3 Cashflow

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.4 Reconciliation to Regulatory Accounts

Allocation methodologies

Systems used to populate worksheet

1.5 Net Debt and Interest

Allocation methodologies
Systems used to populate worksheet
Additional commentary

1.6 Disposals

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.7 Tax Computation

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.8 Tax Pools

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.9 Tax Allocations of Spend

Allocation methodologies

Systems used to populate worksheet

1.10 Tax Allocations CT600

Allocation methodologies
Systems used to populate worksheet
Additional commentary

1.11 Tax Clawback

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.12 Financing Requirements

Allocation methodologies

Systems used to populate worksheet

Additional commentary

1.13 Pensions Defined Benefit Scheme

Allocation methodologies

Systems used to populate worksheet

Additional commentary

2.1 Provisional Price Control Financial Model (PCFM) Inputs

Allocation methodologies

Systems used to populate worksheet

2.2 Totex Forecast

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 600 per summary section)

1. Eight year view:

a. Graphs of actuals and forecasts for all TOTEX, compared with baseline allowances. Main drivers of significant variances from baseline values for RIIO T1 period explained in further detail.

b. Graphs of actuals and forecasts for all TOTEX, compared with recalculated TOTEX allowance for the RIIO-T1 period. Main drivers of significant variances from recalculated TOTEX allowance for RIIO T1 period explained in further detail.

c. How have forecasts changed since last year? What are the reasons for any significant changes?

Additional commentary

2.3a Forecast Allowances

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 600 per summary section)

1. Current year:

a. Comparison of the forecast allowances against RIIO T1 baseline values with main drivers of variances explained for: load related capex base allowances; revised load related allowances; asset replacement capex base allowances; other capex base allowances; revised other capex allowances; non-operational capex; opex and base opex allowance.

2. Eight year view:

a. Comparison of the forecast allowances against RIIO T1 baseline values with main drivers of variances explained for: load related capex base allowances; revised load related allowances; asset replacement capex base allowances; other capex base allowances; revised other capex allowances; non-operational capex; opex and base opex allowance.

b. Comparison of forecast allowance in previous year against this year's forecast allowances (as mentioned above), with explanation for any major deviations.

2.3b Forecast Volumes

Allocation methodologies
Systems used to populate worksheet
Summary views (maximum words: 600 per summary section)
 For each mechanism: 1. Current year: a. Absolute volumes and volumes compared to what was expected from the business plan. b. Main drivers for over/under delivery and/or re-profiling of work against the business plan.
 For each mechanism: 2. Year-on-year comparison of: a. Volumes of output. b. The main drivers of over/under delivery and/or re-profiling of work against last year's forecast. c. The reasons for year-on-year change.
 For each mechanism: 3. Cumulative to date: a. Absolute volumes and volumes compared to what was expected from the business plan. b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.
 For each mechanism: 4. Eight year view: a. Absolute volumes and volumes compared to what was expected from business plan. b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.
c. The change in the eight year view since last year's report.
d. Drivers of change in the eight year view since last year's report.
Additional commentary

2.4 Published Totex

Allocation methodologies

Systems used to populate worksheet

2.5 Published Outputs

Allocation methodologies

Systems used to populate worksheet

Additional commentary

2.6 Published Wider Works

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 400 per summary section)

For each wider works mechanism:

- 1. Current year:
- a. Wider works outputs compared to what was expected from the business plan.

b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.

For each wider works mechanism:

- 2. Year-on-year comparison of:
- a. Wider works output delivered (to trigger additional allowances).
- b. The main drivers of over/under delivery and/or re-profiling.
- c. The reasons for year-on-year change.

For each wider works mechanism:

- 3. Cumulative to date:
 - a. Output compared to what was expected from the business plan.
- b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.

For each wider works mechanism:

- 4. Eight year view:
 - a. Absolute output and specific outputs compared to what was expected from business plan.
 - b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.
 - c. The change in the eight year view since last year's report.
- d. Drivers of change in the eight year view since last year's report.

2.7 Input Prices

Allocation methodologies (Methodology and assumptions used to complete the table. If the current methodology and/or assumptions are different than those used to provide the RPE's forecast in the business plan, please explain those differences and the rationale for change)

Systems used to populate worksheet (Data sources and assumptions that were used to complete this table. If the current data sources and/or assumptions are different than those used to provide the RPE's forecast in the business plan, please explain those differences and the rationale for change)

Summary views (maximum words: 250 per summary section)

1. Current year:

a. What Real Price Effects (RPEs) have been realised this year? How do these figures compare to the business plan?

- 2. Cumulative to date:
- a. What RPEs have been realised to date? How do these figures compare to the business plan?
- 3. Eight year view:

a. What RPEs do you expect to realise over the price control? How do these figures compare to the business plan?

Additional commentary (if a third party consultant was used to complete table 2.7 then a consultant's report should be included here or in the appendices).

3.1 Opex Summary – cash controllable costs and 3.2 Year-on-Year Movement in Controllable Costs

Alloc	ation methodologies
Syste	ems used to populate worksheet
Sum	mary views (maximum words: 300 per summary section)
	· · · · · · · · · · · · · · · · · · ·
1.	Current year:
а.	Spend against allowance.
b.	Main drivers of over/under spend.
2.	Year-on-year comparison of:
a.	Spend against allowance.

- b. Main drivers of over/under spend
- c. The reasons for year-on-year change.

- 3. Cumulative to date:
 - a. Spend against allowance.
 - b. Main drivers of over/under spend.

Additional commentary

3.3 Asset Management Opex

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 200 per summary section)

- 1. Current year:
- a. Spend against allowance.
- b. Main drivers of over/under spend.
- 2. Year-on-year comparison of:
- a. Spend against allowance.
- b. Main drivers of over/under spend
- c. To include the reasons for year-on-year change and where applicable reasons for changes in year on year unit costs and volumes.
- 3. Cumulative to date:
 - a. Spend against allowance.
 - b. Main drivers of over/under spend.

Additional commentary

3.4 Business Support – Group Costs

Allocation methodologies Systems used to populate worksheet Summary views (maximum words: 200 per summary section) 1. Current year: a. Spend against allowance. b. Main drivers of over/under spend. 2. Year-on-year comparison of: a. Spend against allowance. b. Main drivers of over/under spend

с.	The reasons for year-on-year change.
3.	Cumulative to date:
a.	Spend against allowance.
b.	Main drivers of over/under spend.
Addit	tional commentary

3.5 Business Support – Allocation

Allocation methodologies

Systems used to populate worksheet

Additional commentary

3.6 Business Support – Supplementary Detail

Allocation methodologies

Systems used to populate worksheet

Additional commentary

3.7 Operational Training

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 200 per summary section)

- 1. Current year:
- a. Spend against allowance.
- b. Main drivers of over/under spend.
- 2. Year-on-year comparison of:
 - a. Spend against allowance.
 - b. Main drivers of over/under spend.
 - c. Are training costs changing proportionately to FTE numbers?
- d. To include the reasons for year-on-year change.

3.8 Total Transmission Salary and FTE numbers

Allocation methodologies	

Systems used to populate worksheet

Summary views (maximum words: 200 per summary section)

Year-on-year comparison of:
 a. FTE numbers and whether this relates to any changes in the mix of different employee grades.

Additional commentary

3.9 Analysis of Excluded, Consented and De Minimis Services

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 250 per summary section)

- 1. Current year:
- a. Describe the outputs delivered through works associated with de minimis spend.

b. Provide information where excluded and consented services have had a notable impact on non-excluded areas.

Additional commentary

3.10 Provisions

Allocation methodologies

Systems used to populate worksheet

Additional commentary

3.11 Related Party Transactions

Allocation methodologies

Systems used to populate worksheet

Additional commentary

3.12 Innovation Rollout Mechanism (IRM) Expenditure

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 400 per summary section)

1. Current year:

a. Brief description and current status of successful IRM projects.

b. Comparison of Allowed Expenditure for the relevant year to determine if it is different to the IRM value in the PCFM for the corresponding relevant year.

2. Comparison of total allowed expenditure and forecast total expenditure on project(s), explaining any over or under expenditure.

Additional commentary

3.13 Network Innovation Allowance (NIA) Expenditure

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 250 per summary section)

1. Please list the successfully completed and reported NIA projects.

Additional commentary

3.14 Network Innovation Competition (NIC) Expenditure

Allocation methodologies

Summary views (maximum words: 600 per summary section)

1. Current year:

a. Summary and status of successful NIC projects including a brief summary of whether conditions set by Ofgem have been met.

b. NIC funding allowance for each project – breaking down innovation funding and funding by licensee.

c. NIC expenditure on each project (net and gross) explaining royalties/revenues.

d. Reasons for over or under expenditure.

Additional commentary

3.15 Physical Security Opex

Allocation methodologies

Systems used to populate worksheet

Additional commentary

(Load related) 4.1 Capex Summary and Forecast and 4.2 Expenditure Profile of Load Related Schemes

Allocation methodologies

Systems used to populate worksheets

Summary views (maximum words: 750 per summary section)

- 1. Current year, by mechanism:
 - a. For each load related mechanism: comparisons across the portfolio between absolute output delivered and that expected from the business plan. Some individual exposition of the most significant schemes, to explain changes from the business plan, changes in scope of works, substitutions, or whether these schemes are no longer necessary, with reasons why.
 - b. As above, for expenditure.
 - c. For each mechanism, at the portfolio level (unless changes driven by significant individual schemes, for which individual commentary is necessary) the main drivers of over/under delivery and over/under spend against business plans, and/or re-profiling of work.
 - d. Commentary on how the portfolio composition has changed between best view, base view, new schemes etc.

- 2. Year-on-year comparison, by mechanism, of:
 - a. Output and spend, both absolute and vs. allowance/targets.
 - b. Main drivers of over/under performance.
 - c. The reasons for year-on-year change.
- 3. Cumulative to date, by mechanism:
 - a. Output and spend, both absolute and vs. allowance/targets.
 - a. Main drivers of over/under performance.
- 4. Eight year view, by mechanism:
 - a. Output and spend, both absolute and vs. allowance/targets.
 - b. Main drivers of over/under performance.
 - c. Change in the forecast since last year's report.
 - d. Drivers of change in forecast since last year's report.
 - e. Commentary on how the portfolio composition (for each mechanism) has changed between best view, base view, new schemes etc.

Additional commentary

(Non-load related) 4.1 Capex Summary and Forecast and 4.3 Expenditure Profile of Non-Load Related Schemes

Allocation methodologies
Systems used to populate worksheets
Summary views (maximum words: 400 per summary section)
 Current year: Absolute output and output compared to what was expected from business plan. Spend, both absolute and against allowance. Main drivers of over/under delivery, over/under spend and/or re-profiling of work.
 Year-on-year comparison of: Output and spend both absolute and compared to what was expected in business plan. The main drivers of over/under performance, over/under spend and reprofiling of work. The reasons for year-on-year change.
 Cumulative to date: Absolute output and output compared to what was expected from business plan. Spend, both absolute and against allowance. Main drivers of over/under delivery, over/under spend and/or re-profiling of work.
4. Eight year view:

- a. Absolute output and output compared to what was expected from business plan. Spend, both absolute and against allowance.
- b. Main drivers of over/under delivery, over/under spend and/or re-profiling of work.
- c. The change in the eight year view since last year's report.
- d. Drivers of change in the eight year view since last year's report.

Additional commentary

4.4 Uncertain Costs

Allocation methodologies

Systems used to populate worksheet

Additional commentary

4.5 TO Non Operational Capex

Allocation methodologies

Systems used to populate worksheet

Additional commentary

4.7 Transmission Investment Renewable Generation (TIRG)

Allocation methodologies

Systems used to populate worksheet

Additional commentary

4.8 Physical Security Capex (CNI only)

Allocation methodologies

Summary views (maximum words: 250 per summary section)

- 1. Current year:
 - a. Absolute output and output compared to what was expected from business plan. Spend, both absolute and against allowance.
- b. Main drivers of over/under delivery, over/under spend and/or re-profiling of work.
- 2. Cumulative to date:

a. Absolute output and output compared to what was expected from business plan. Spend, both absolute and against allowance.

b. Main drivers of over/under delivery, over/under spend and/or re-profiling of work.

3. Eight year view:

a. Absolute output and output compared to what was expected from business plan. Spend, both absolute and against allowance.

- b. Main drivers of over/under delivery, over/under spend and/or re-profiling of work.
- c. The change in the eight year view since last year's report.
- d. Drivers of change in the eight year view since last year's report.

Additional commentary

5.1 System Characteristics and Activity Indicators

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 150 per summary section)

- 1. Year-on-year comparison (where something notable) of:
- a. Asset inventory.
- b. Activity levels.
- c. The reasons for year-on-year change.

Additional commentary

5.2 Fault and Failure Reporting

Allocation methodologies

Summary views (maximum words: 300 per summary section)

1. Current year:

a. Summary of any significant fault which led to significant disruption, loss of supply or customer disconnection greater than 3 minutes on both lead assets and non-lead assets and the system loss incurred as well as the duration.
b. Summary of any significant condition related faults affecting a family or a number of lead or non-lead asset category that have occurred, a description of the fault and its cause and actions that will be taken e.g. maintenance, replacement etc.

Additional commentary

5.3 Boundary Transfer Requirements & 5.4 Boundary Transfers and Capability Development

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 300 per summary section)

For planned and required boundary transfer, and aggregate boundary transfer: 1. Current year:

- a. Outputs compared to what was expected from the business plan.
- b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.

For planned and required boundary transfer, and aggregate boundary transfer: 2. Year-on-year comparison of:

- a. Outputs delivered (to trigger additional allowances).
- b. The reasons for year-on-year change.

For planned and required boundary transfer, and aggregate boundary transfer: 3. Cumulative to date:

- a. Output compared to what was expected from the business plan.
- b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.

For planned and required boundary transfer, and aggregate boundary transfer: 4. Eight year view:

- a. Absolute output and specific outputs compared to what was expected from business plan.
- b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.
- c. The change in the eight year view since last year's report.
- d. Drivers of change in the eight year view since last year's report.

Additional commentary (to include the boundary diagrams noted in chapter 7

Internal Only

of the RIGs)

5.5 Demand and Supply at Substations

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 150 per summary section)

1. Current year:

a. Highlight any significant changes to >1500MW demand groups.

Additional commentary

5.6 Lead Assets Additions and Disposals

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 150 per summary section)

- 1. Current year:
 - a. Were there any data revisions during the year? What were the reasons behind these?

Additional commentary

5.7 Non-Lead Assets Additions and Disposals

Allocation methodologies
Systems used to populate worksheet
Additional commentary

5.8 Lead Asset – Unit Cost Actuals

Allocation methodologies

Summary views (maximum words: 800 per summary section)

1. Current year:

a. Summarise the projects delivered and explain any significant changes in scope of works from the business plans (i.e. where single assets valued over ± 100 k) compared to what was expected from the business plan.

- b. Main drivers for over/under spend , and timing of delivery against the business plan by:
 - i. Scope explain why the scope of works changed.
 - ii. Cost driver explain what drivers led to cost changes (using the new unit cost table e.g. consenting, environmental conditions).
 - iii. Cost type explain where the drivers impacted costs (e.g. project management, construction see new unit cost template).

Additional commentary

5.9 Non Lead Asset – Unit Cost Actuals

Allocation methodologies

Systems used to populate worksheet

Additional commentary

5.10 Average Circuit Unreliability (ACU)

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 150 per summary section)

- 1. Year-on-year comparison of:
 - a. ACU percentages, with explanation of change from previous year's values.

Additional commentary

6.1 Scot Customer Satisfaction

Allocation methodologies

Summary views (maximum words: 150 per summary section)

- 1. Current year:
 - a. Performance against stakeholder satisfaction surveys and against KPIs. These should be compared to baselines.
- 2. Year-on-year comparison of:
 - a. Performance against stakeholder satisfaction surveys and against KPIs.
 - b. Are any reasons known for the change from last year?

Additional commentary

6.2 Business Carbon Footprint (BCF)

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 200 per summary section)

- 1. Current year:
 - a. Emissions levels and how this compares to business plan.
 - b. Main drivers of any notable differences between actual emissions and business plan projections.
- 2. Year-on-year comparison of:
 - a. Emissions levels and how this compares to business plan (both absolute and within category).

b. The main drivers of any notable differences between actual emissions and business plan projection.

Additional commentary

6.3 Reliability

Allocation methodologies
Systems used to populate worksheet

Summary views (maximum words: 250 per summary section)

1. Current year:

- a. Performance compared to target.
- b. Drivers behind difference between actual performance and target.
- c. Summary of exceptional event applications to the authority, decision and impact on reliability incentive adjustment.

- 2. Year-on-year comparison of:
 - a. Performance.
 - b. Drivers behind difference between actual performance and target.

Additional commentary

6.5 SF₆ Emissions

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 200 per summary section)

1. Current year:

- a. Emissions levels and how this compares to business plan.
- b. Main drivers of any notable differences between actual emissions and business plan projections.

c. Summary of exceptional event applications to the authority, decision and impact on reliability incentive adjustment.

- 2. Year-on-year comparison of:
 - a. Emissions levels and how this compares to business plan.
 - b. The main drivers of any notable differences between actual emissions and business plan projections.

Additional commentary

6.6 Designated Area Visual Amenity Outputs for Existing Transmission Infrastructure

Allocation methodologies	
Systems used to populate worksheet	
Summary views (maximum words: 300 per summary section)	
1. Current year:	

a. Output and spend, both absolute and against approved VA output and allowance.

b. Main drivers for over/under spend and delivery.

- 2. Cumulative to date:
 - a. Output and spend, both absolute and against approved VA output and allowance.

b. Main drivers for over/under spend and delivery.

3. Eight year view:

a. Output and spend, both absolute and against approved VA output and allowance.

- b. Main drivers for over/under spend and delivery.
- c. Change in the eight year view since last year's report.
- d. Drivers of change in eight year view since last year's report.

Additional commentary

For load related output tables:

6.4 SHE Transmission and SPTL Timely Connections

6.7 Baseline Wider Works Outputs and Strategic Wider Works (SWW) Outputs

6.8 SWW Pre-construction Deliverables

6.9 SHE Transmission Local Generation Volume Driver

Allocation methodologies

Systems used to populate worksheets

Summary views (maximum words: 1000 per summary section)

For each mechanism:

- 1. Current year:
 - a. Outputs and spend compared to what was expected from the business plan or licence requirement (whichever is more relevant). Provide comparisons at the (i) aggregated level, but must also distinguish at a sub-aggregated level between (ii) schemes in the business plan that continue to be delivered, (iii) those which were not in the business plan and are new, and (iv) those preceding RIIO that also were not in the business plan. Information should summarise the outputs (e.g. total MW) for business plan schemes: as planned, displaced by new schemes, delayed, or no longer needed.
 - b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.

For each mechanism:

- 2. Year-on-year comparison of:
 - a. Outputs and spend compared to what was expected from last year's forecast. Comparisons at the (i) aggregated level, but also between (ii) schemes in the business plan that continue to be delivered, (iii) those which were not in the business plan and are new, and (iv) those preceding RIIO that also were not in the business plan. Information should summarise the outputs (e.g. total MW) for business plan schemes: as planned, displaced by new schemes, delayed, or no longer needed.
 - b. The main drivers of over/under delivery and/or re-profiling of work against the business plans.
 - c. The reasons for year-on-year change.

For each mechanism:

- 3. Cumulative to date:
 - a. Outputs and spend compared to what was expected from the business plan or licence requirement (whichever is more relevant). Provide comparisons at the (i) aggregated level, but must also distinguish between (ii) schemes in the business plan that continue to be delivered, (iii) those which were not in the business plan and are new, and (iv) those preceding RIIO that also were not in the business plan. Information should summarise the outputs (e.g. total MW) for business plan schemes: as planned, displaced by new schemes, delayed, or no longer needed.
 - b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.

For each mechanism:

- 4. Eight year view:
 - a. Absolute output and spend at the absolute level, and specific level where relevant, compared with what was expected from business plan or licence requirement (whichever is more relevant). Provide comparisons at the (i) aggregated level, but must also distinguish at a sub-aggregated level between (ii) schemes in the business plan that continue to be delivered, (iii) those which were not in the business plan and are new, and (iv) those preceding RIIO that also were not in the business plan. Information should summarise the outputs (e.g. total MW) for business plan schemes: as planned, displaced by new schemes, delayed, or no longer needed.
 - b. Main drivers for over/under delivery and/or re-profiling of work against the business plans.
 - c. The change in the eight year view since last year's report.
 - d. Drivers of change in the eight year view since last year's report.

Additional commentary

6.15.1 NOMs Detail and 6.15.2 NOMs RP

Allocation methodologies

Systems used to populate worksheet

Summary views (maximum words: 300 per summary section)

1. Current year:

- c. Output against what was expected in business plan.
- d. Main drivers of any over/under delivery or re-profiling of work.
- 2. Year-on-year comparison of:
 - a. Output against what was expected in business plan.
 - b. Main drivers of any over/under delivery or re-profiling of work.
 - c. The reasons for year-on-year change.

|--|

a. Output against what was expected in business plan.

b. Main drivers of any over/under delivery or re-profiling of work.

- 4. Eight year view:
 - a. Output against targets.
 - b. Main drivers of any over/under delivery.
 - c. Change in the eight year view since last year's report.
 - d. Drivers of change in eight year view since last year's report.

Additional commentary

6.16.1 Criticality Substations

Allocation methodologies

Systems used to populate worksheet

Additional commentary

6.16.2 Criticality Circuits

Allocation methodologies

Systems used to populate worksheet

Additional commentary

6.17 Flood mitigation

Allocation methodologies

Systems used to populate worksheet

Additional commentary

Chapter 2 – Forecasting

Chapter 3 – Drivers

Appendices