

SP Transmission R110-2: Outputs Snapshot Table

Output name	Output category	Common or bespoke output?	Description	Output type	Where is the output set out in the Business Plan?	For ODI – what is the maximum upside/downside or any reward/penalty	Costs associated with output delivery			Are there any associated outputs, uncertainty mechanisms or CVP proposals in your Business Plan?	
							Funding in Business Plan?	Forecast cost / BPDOT reference (1) / 22 only	Funding for enhanced performance in Business Plan?		Forecast cost / BPDOT reference (1)
Where the output is a common (as opposed to a bespoke) output, please use the output name specified in the SMD If you've used a different name in your Business Plan please specify in brackets - in general we would expect the names to align.	The category should be one of: * Meeting the needs of consumers and network users; * Maintaining a safe and resilient network; or * Delivering an environmentally sustainable network	Other: * Common - Applies in same way to more than one company and is set out in the SMD * Bespoke - Proposed by company as part of their Business Plan	For bespoke outputs only – a brief description of the output (1-2 sentences)	Please specify whether it is an * ODI(F) – Output Delivery Incentive (Reputational/Financial); * PCD – Price Control Deliverable; or * LO – Licence Obligation.	Please provide all references to the sections of the Business Plan where information on the output is set out.	If known, please provide as +/- £m (p.a)	Have costs been included in your baseline funding request to deliver the output target? (Yes/No)	If yes, please reference where to find this in the BPDOT (and the En figure). If the costs associated with the output cannot be identified in the BPDOT	Where relevant, have any costs been included in your Business Plan to fund a level of performance that is higher than the baseline level specified by Ofgem?	If yes, please reference where to find these costs in the BPDOT (and the En figure). If the costs associated with the output cannot be identified in the BPDOT please explain why.	Please provide a name of any associated output, LM or CVP proposal and provide references to the sections of the Business Plan where information on the associated output mechanism or an additional output which could potentially interact with this one.
Generation Connections - Sole Use - 900MW	Meeting the needs of consumers and network users	Bespoke	Connection of 900MW of generation to the transmission network	PCD	p74	N/A	Yes	E40m (B4.2a Scheme Summary)	No	N/A	Uncertainty Mechanism Proposed - Generation Sole Use CVP Load Pg 65
Generation Connections - Shared Use - 2027MVA	Meeting the needs of consumers and network users	Bespoke	Connection of 2027MVA of new network capacity to the transmission network	PCD	p74	N/A	Yes	E99m (B4.2a Scheme Summary)	No	N/A	Uncertainty Mechanism Proposed - Generation Shared Use CVP Load Pg 65
Compliance with relevant design and operational standards	Meeting the needs of consumers and network users	Common	Licence obligation to comply with Grid code, ESOC, G59, STC and other	LO	p70	N/A	No	N/A	No	N/A	Uncertainty mechanism for changes to engineering standards pg 144
Demand Connections - SP Distribution	Meeting the needs of consumers and network users	Bespoke	Connection projects across a range of named sites	PCD	p84	N/A	Yes	E64.358(B4.2a Scheme Summary)	No	N/A	Uncertainty Mechanism Proposed - Demand Connections pg 142 CVP Load Pg 64
Demand Connections - Network Rail	Meeting the needs of consumers and network users	Bespoke	Undertake reinforcement across our substations to provide capacity to Network Rail as contracted	PCD	p84	N/A	Yes	E22.322 (B4.2a Scheme Summary)	No	N/A	Uncertainty Mechanism Proposed - Demand Connections pg 142 CVP Load Pg 64
Demand Connections - Kandonon to Tongland Reinforcement	Delivering an Environmentally sustainable network	Bespoke	Undertake reinforcement to allow embedded generation in Dumfries and Galloway to export onto the transmission network	PCD	p84	N/A	Yes	E37.467 (B4.2a Scheme Summary)	No	N/A	No
Wider Works - Voltage Management	Maintaining a safe and resilient network	Bespoke	Undertake installation of shunt reactors and STATCOMs to provide 515MVAR of compensation to address voltage non-compliance due to closure of Hunterston and changes to generation profile	PCD	p81	N/A	Yes	E28.391 (B4.2a Scheme Summary)	No	N/A	Uncertainty mechanism for additional shunt reactors as part of Net Zero operability challenges, pg 141
Wider Works - Harmonic Filters	Maintaining a safe and resilient network	Bespoke	Undertake the installation of 120MVAR of Harmonic filters on the 132kV network	PCD	p81	N/A	Yes	E23.999 (B4.2a Scheme Summary)	No	N/A	Uncertainty mechanism for additional harmonic filters as part of Net Zero operability challenges, pg 141
Wider Works - Black Start	Maintaining a safe and resilient network	Bespoke	Undertake the installation of 30 circuit breakers with the capability for point on wave switching and the reconfiguration of 46 sites across the network.	PCD	p82	N/A	Yes	E11.113 (B4.2a Scheme Summary)	No	N/A	No
Wider Works - Generation Export Management System (GEMS)	Delivering an Environmentally sustainable network	Bespoke	Undertake reinforcement to allow embedded generation in Dumfries and Galloway to export onto the transmission network	PCD	p82	N/A	Yes	E7.864 (B4.2a Scheme Summary)	No	N/A	No
Wider Works - Circuit Rating Management System	Delivering an Environmentally sustainable network	Bespoke	Installation of real time thermal rating system utilising analytics and data processing. Rating uplift dependent upon weather conditions at time.	PCD	p81	N/A	Yes	E4.531 (B4.2a Scheme Summary)	No	N/A	No
Wider Works - NDA (Excluding DWN)	Meeting the needs of consumers and network users	Bespoke	Delivery of boundary capability upgrades in line with business plan	PCD	p77-78	N/A	Yes	E168.178 (B4.2a Scheme Summary)	No	N/A	CVP Load Pg 64
Network Asset Risk Metric	Maintaining a safe and resilient network	Common	Maintaining a safe and resilient network	PCD	Page 91	N/A	Yes	E45m (E2.2a - 4th)	N/A	N/A	Yes - Non-Load Network Risk CVP Page 86
Longannet 275kV Switchgear Replacement	Maintaining a safe and resilient network	Bespoke	Uncertain timing of major substation project due to land and consenting needs and interaction with proposed wider works reinforcement submitted to the NDA process	PCD	Page 104	N/A	No	E69.29m for the 275kV option, E98.37m for the 400kV option, Table 5.18	N/A	N/A	LM - Uncertain non-load projects
Westfield 275kV Switchgear Replacement	Maintaining a safe and resilient network	Bespoke	Uncertain solution due to the interaction with a proposed wider works reinforcement submitted to the NDA process	PCD	Page 105	N/A	No	E17.42m for the 275kV option, E29.92m for the 400kV option, Table 5.18	N/A	N/A	LM - Uncertain non-load projects
Longannet Series Reactor Refurbishment	Maintaining a safe and resilient network	Bespoke	Uncertain timing due to land and consenting needs, and operating voltage of associated major substation project	PCD	Page 107	N/A	No	E3.06m Table 5.18	N/A	N/A	LM - Uncertain non-load projects
Bo & Vi Overhead Line Major Refurbishment	Maintaining a safe and resilient network	Bespoke	Uncertain timing due to land-related interaction	PCD	Page 97	N/A	No	E39.13m Table 5.18	N/A	N/A	LM - Uncertain non-load projects
Currie - George Cable Replacement	Maintaining a safe and resilient network	Bespoke	Uncertain timing due to uncertain deterioration rate	PCD	Page 99	N/A	No	E9.59m Table 5.18	N/A	N/A	LM - Uncertain non-load projects
Cable Sealing Ends	Maintaining a safe and resilient network	Bespoke	Uncertain timing due to uncertain deterioration rate	PCD	Page 99	N/A	No	E7.89m Table 5.18	N/A	N/A	LM - Uncertain non-load projects
Quality of Connections Survey	Meeting the needs of consumers and network users	Common	On an annual basis, we will conduct a series of survey at key points, or "moments that matter" throughout the connections process. A reward or penalty is applied based on these survey scores. The aim of the ODI is to ensure we provide a high quality connections service thus contributing to the low carbon energy transition.	ODI (F)	p151 (And Annex 12)	+/- £3.65m	No	N/A	N/A	N/A	CVP Output Incentive Pg 144
Quality of Engagement Survey	Meeting the needs of consumers and network users	Common	A requirement to survey stakeholders and report publicly on the results, including our response, and any commitments we intend to take forward. This creates a reputational incentive for us to be responsive to different stakeholders' needs to engage on new transmission projects.	ODI (R)	p151 (And Annex 12)	N/A	No	N/A	N/A	N/A	
Timely Connections Offers	Meeting the needs of consumers and network users	Common	A penalty only ODI to incentivise high quality and timely offers of connection	ODI (F)	p152 (And Annex 12)	- £1.75m to £0m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Delivery against our Stakeholder Strategy	Meeting the needs of consumers and network users	Bespoke	We will report on our stakeholder strategy related activities to increase transparency and then open our focus on these activities.	ODI (R)	p153 (And Annex 12)	N/A	No	N/A	N/A	N/A	
Black Start Resilience of Communities in Vulnerable Circumstances	Meeting the needs of consumers and network users	Bespoke	To provide expert guidance and support to the most resilient communities, offering help to become more resilient. Impact measured through measurement tool based on the Department for International Aid and Development (DFID)'s measure of community resilience. We propose a target level of resilience to be each community's "ability to absorb shock of extended periods without supply. We will measure and evaluate our interventions based on an assessment of whether our programme has contributed to increased resilience, as measured in terms of improvements in key indicators of resilience.	ODI (F)	p153 (And Annex 12)	Contributes to + £1.73m (One of three elements to the Stakeholder Engagement PLUS suite of incentives)	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Community Energy Schemes Capability	Meeting the needs of consumers and network users	Bespoke	We will contribute to increased capability of Community Energy Schemes (CES) to interact effectively with the energy sector. For instance, when confronted with sector-specific issues (such as network constraints preventing connection to the grid) we would like CESs to have the ability to access support, make informed decisions and explore options. We propose adopting the Government's Digital, Data and Technology Profession (DDT) framework for measuring the capability of CESs. The framework describes job roles in the Digital, Data and Technology Profession and provides details of the skills needed to work at each role level (i.e. Expert, Practitioner, Working and Awareness) and propose this incentive is assessed by our user group.	ODI (F)	p153 (And Annex 12)	Contributes to + £1.73m (One of three elements to the Stakeholder Engagement PLUS suite of incentives)	No	N/A	N/A	N/A	CVP Output Incentive Pg 148

Stakeholder Engagement Performance Levels	Meeting the needs of consumers and network users	Bespoke	We will aim to achieve 'Mature' status in the Accountability stakeholder engagement healthcheck and could be considered by the User Group for a reward based on our performance in reaching this standard of stakeholder engagement capability.	ODI (F)	p153 [And Annex 12]	£1.78m (One of three elements to the Stakeholder Engagement PLUS suite of incentives)	No	N/A	N/A	N/A	No
Energy Not Supplied	Meeting the needs of consumers and network users	Common	A symmetrical financial ODI whereby our performance against a kWh ESO Baseline metric determines whether we receive a reward or penalty.	ODI (F)	p153 [And Annex 12]	£6.42m to £2.03m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Optimising Network Availability for Connected Generators	Meeting the needs of consumers and network users	Bespoke	We intend to develop our capability in R10/T2 to offer more use of short term capacity ratings and other services to the ESO to allow more low carbon generation to flow onto the network. Effective deployment of these approaches will provide increased reliability and network availability for connected generation. The incentive provides a reward for the avoided loss of any GWh of the flow of energy (as a direct result of our intervention in a constrained network) up to a cap of £6M.	ODI (F)	p154 [And Annex 12]	£0m to £2.56m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Health and Safety	Maintaining a safe and resilient network	Bespoke	We want to be more transparent and accountable to our stakeholders and share our experience, learning and initiatives in a more focused by preparing a H&S report which will be submitted to the User Group as part of the annual report.	ODI (R)	p155 [And Annex 12]	£0m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Successful Delivery of Large Capital Projects	Maintaining a safe and resilient network	Common	We will increase our transparency and performance in relation to the delivery of large capital projects by having the User Group conduct an assessment of our performance.	ODI (R)	p155 [And Annex 12]	£0m	No	N/A	N/A	N/A	
Non Lead Asset Output Measurement	Maintaining a safe and resilient network	Bespoke	In the absence of a formalised quantitative target, we propose to improve the transparency of delivery of non-lead asset investment during R10/T2. We'll propose a target for some electrical non-lead assets based on monetised risk and will provide our User Group with an annual report for each non-lead asset deliver.	ODI (R)	p90, p108, p115, p156	£0m	Yes	£126.5m (C.2a, AP)	N/A	N/A	CVP Output Incentive Pg 144
Network Access Policy (NAP)	Maintaining a safe and resilient network	Common	We will optimise the delivery of our essential network outages, working jointly with other network owners and the GB system operator. The User Group will assess our performance in terms of reporting, third-party engagement and outage related activity.	ODI (R)	p156 [And Annex 12]	£0m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Whole System ESO-TD Constraint Mitigation	Maintaining a safe and resilient network	Bespoke	We are proposing an incentive that builds on existing licence and regulatory arrangements to provide funding for infrastructure services TOs could provide to mitigate the risk of high constraint costs associated with network outages. We propose that an incentive rate of 3% of forecast constraint costs avoided and that the cap is triggered when forecast constraint savings reach £2.8m approximately 11% of typical annual constraint values. The incentive reward will be based on the forecast £m of constraint costs avoided through provision of our services.	ODI (F)	p157 [And Annex 12]	£0m to £2.28m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Environmental Framework	Delivering an environmentally sustainable network	Common	We have established an environmental action plan and will publish an annual report in line with future common metrics and methodologies agreed with other TOs.	ODI (R)	p158 [And Annex 12]	£0m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Minimising Electricity Losses	Delivering an environmentally sustainable network	Common	We will report on initiatives to minimise transmission electricity losses.	ODI (R)	p158 [And Annex 12]	£0m	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Sulphur Hexafluoride (SF6) and other Insulation and Interruption Gases (IIG) Leakage	Delivering an environmentally sustainable network	Common	Our actual annual leakage against a baseline (set each year based on well justified additions and disposals) will determine whether we receive a reward or penalty. It will incentivise a reduction in harmful greenhouse gas (GHG) emissions from leakage of SF6 and other IIG, and support the transition to low GHG alternative IIG.	ODI (F)	p158 [And Annex 12]	TBC by Ofgem	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Maximising environmental benefit from non-operational land	Delivering an environmentally sustainable network	Bespoke	Vacant land at our substations presents opportunities for the installation of renewable technologies and the introduction of biodiversity enhancement initiatives. Our study identifies up to 20 sites initially, which conservative estimates suggest could support upwards of 4MW of new renewable generation.	ODI (R)	p159 [And Annex 12]	N/A	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Maximising supply chain sustainability	Delivering an environmentally sustainable network	Bespoke	We will drive Scope 3 emissions reductions, whereby supply chain members showing leadership and speed in the reduction of Scope 3 emissions in relation to the products or services provided to us can access a financial reward to be used to carry out further carbon reduction improvements and initiatives.	ODI (F)	p159 [And Annex 12]	Contributes to + £1.78m (One of three elements to the 'Additional Contribution to the Low Carbon Transition' suite of incentives)	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Accelerating adoption of low carbon fleet	Delivering an environmentally sustainable network	Bespoke	This is an incentive mechanism by which we could accelerate the delivery of a low carbon fleet, increasing our contribution to UK carbon footprint reduction and contributing to improved air quality.	ODI (F)	p160 [And Annex 12]	Contributes to + £1.78m (One of three elements to the 'Additional Contribution to the Low Carbon Transition' suite of incentives)	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Delivering biodiversity net gain initiatives	Delivering an environmentally sustainable network	Bespoke	Our aim in T2 is to work with our local communities, landowners and other stakeholders to deliver 'no net loss' in biodiversity and natural capital across our T2 Business Plan activities and a net positive impact in biodiversity and natural capital across our existing sites.	ODI (F)	p160 [And Annex 12]	Contributes to + £1.78m (One of three elements to the 'Additional Contribution to the Low Carbon Transition' suite of incentives)	No	N/A	N/A	N/A	CVP Output Incentive Pg 148
Net Zero Fund	Meeting the needs of consumers and network user	Bespoke	This will support the creation of jobs in our local communities as well as delivering significant carbon savings and supporting our communities in vulnerable circumstances.	PCD	p148	£0m (C.2a, AP)	Yes	£20m (C.2a, AP)	N/A	N/A	CVP Net zero fund Pg 36

SP Transmission R10-2: Uncertainty Mechanisms (UMs) Snapshot Table

UM name	Is the UM included in our May SSMO?	Description	UM type	Where is the UM set out in the Business Plan?	Costs associated with the UM		Are there any associated outputs, uncertainty mechanisms or CVP proposals in your Business Plan?
					Funding in Business Plan?	Forecast costs / BPOT reference	
Where the UM is set out in our May SSMO please use the name specified in that document. If you've used a different name in your Business Plan please specify in brackets - in general we would expect the names to align.	(Y/N)	For any additional bespoke UMs only, please provide a brief description (1-2 sentences)	* Re-opener; * Pass through; * Volume Driver; or * Other (please specify)	Please provide all references to the sections of the Business Plan where information on the UM is set out.	Have costs associated with this UM been included in your baseline funding request (included / Not included)	If costs have been included, please state where to find the relevant costs in the BPOT (and state the £m figure here). If the any costs associated with the uncertainty mechanism cannot be identified in the BPOT please explain why	For example, a separate uncertainty mechanism or an additional output, which could potentially interact with this one. Please provide a the name of any associated output, UM or CVP proposal and provide references to the sections of the Business Plan where information on the associated output or UM is set out.
Uncertainty Mechanism - Generation Sole Use	N	Utilised to cover generation connections over and above the baseline (900MW) proposed as a FCU - Sole/Shared Use Mechanism required to fund up to approximately £506m of additional costs based on current contracted generation	Volume Driver	Page 140	Baseline costs included	Baseline costs included - £40m (B4.2a Scheme Summary) estimate of uncertainty mechanism provided in Business plan pg 140. See also Annex 20	Generation Connections - Sole Use - 900MW
Uncertainty Mechanism - Generation Shared Use	N	Utilised to cover generation infrastructure installed over and above the baseline (2027MVA) proposed as part of the baseline proposed as a FCU - Sole/Shared Use Mechanism required to fund up to approximately £506m of additional costs based on current contracted generation	Volume Driver	Page 140	Baseline costs included	Baseline costs included - £69m (B4.2a Scheme Summary) estimate of uncertainty mechanism provided in business plan pg 140. See also Annex 20	Generation Connections - Shared Use - 2027MVA
Uncertainty Mechanism - Major Boundary Upgrades Strategic Wider Works	N	Utilised to cover additional boundary upgrades currently not forecast through the business plan ex-ante allowance with a value >£100m. Currently proposed to fund only the Eastern Link HVDC but will be utilised to cover schemes that develop through the NDR process undertaken by the ESO - currently forecast to fund additional costs of £1.78m - £2.58m	Reopener	Page 141	Not included	Estimate provided in B4.10 and in BP on pg 141	Wider Works
Net zero operability challenges	N	New issues are likely to emerge in R10-T2 such as voltage or harmonics which are non-compliant with the relevant standards. A mechanism allow additional allowance to be provided should further work beyond those proposed in the business plan, be required.	Unit cost allowance	Page 141	Baseline costs included	Baseline costs included £2.389m (B4.2a Scheme Summary) estimate of uncertainty mechanism provided in business plan pg 141. Rates for synchronous compensation detailed in Annex 20.	SSMVArcs of reactors and compensation, 6, six 112kV harmonic filters
Net zero transition reopener	N	The transition to Net Zero is likely to result in further changes to the demand and generation make-up across Great Britain. This mechanism is to specifically consider projects of less than £100m that may emerge during the course of the price review and cannot be addressed by the other mechanisms.	Reopener	Page 141	Not included	Use of the mechanism is uncertain	Unknown
Uncertainty Mechanism - Demand Connections	N	Utilised to cover Demand schemes (SP Distribution & Network Rail amongst others) that may arise over the course of the R10-T2 period above the agreed baseline schemes - Estimated value if required to be fully utilised is £4m	Volume Driver	Page 142	Baseline costs included	Baseline costs included - £116m (B4.2a Scheme Summary) estimate of uncertainty mechanism provided in business plan pg 142	Demand Connections - SP Distribution & Demand Connections - Network Rail
Whole System Coordinated Adjustment Mechanisms	Y	Re-opener - as per SSMO	Reopener	Page 142	Not included	No - costs are unknown at this time	No
Unconstrained load projects	N	We have a number of non-load projects which have significant uncertainties associated with them, such as land purchase, or are interactive with new generation connections. Ex-ante cost will be agreed with Ofgem as part of the price review but will only be triggered if required.	Unit cost allowance	Page 142	Not included	No - costs are unknown at this time Projects listed in BPOT 5.1b. Total value of £147m	One of the main uncertainties for these projects are load projects which may arise at these sites for new generation connections or wider works.
Legislative, policy and standards uncertainty reopener - Cyber Resilience	Y	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Baseline costs included	Baseline costs of £12.2m (D4.8a)	No
Legislative, policy and standards uncertainty reopener - Physical Security (PSUP)	Y	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - Flood Resilience	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Baseline costs included	£5.5m C2.24	No
Legislative, policy and standards uncertainty reopener - climate change and environmental uncertainty	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - BREXIT	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - wayleave review adjustment	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - Non-rechargeable diversions	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - Environmental enhancements	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - Black start	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Legislative, policy and standards uncertainty reopener - Energy data task force	N	Re-opener in 2023 and at end of T2 to adjust revenues to account for this uncertainty.	Reopener	Page 143-144	Not included	No - costs are unknown at this time	No
Financial Uncertainty mechanism	N	Various index, pass through and reopener for financial uncertainties including business rates	Various	Page 144	Not included	No - cost changes are unknown at this time	No

SP Transmission R10-2: Consumer Value Proposition (CVP) Snapshot Table

CVP proposal name	Description	Where is the CVP proposal set out in the Business Plan?	Costs and value associated with the CVP proposal			Are there any associated outputs, uncertainty mechanisms or CVP proposals in your Business Plan?
			Funding in Business Plan?	Forecast costs / BPD? reference	Value to consumer	
	A brief description of the CVP proposal (2-3 sentences)	Please provide all references to the sections of the Business Plan where information on the CVP proposal is set out.	Have costs associated with this CVP proposal been included in your baseline funding forecast (Yes / No)?	If costs have been included, please state where to find the relevant costs in the BPD? (and state the Em figure here)	What is the monetised value of the proposal to consumers (Em)	For example, a separate uncertainty mechanism or an additional output which could potentially interact with this one. Please provide a name of any associated output, UoM or CVP proposal and provide references to the sections of the Business Plan where information on the associated output or UoM is set out.
CVF 2.1 - Innovation Roll Out	In excess of £30m from the roll-out of successful innovation projects on our network led by us in R10-T1 - 48% payback of the £61.90m R10-T1 Innovation Investment allocated to SP Transmission	Pg 26, Annex 30: section 2.0 Innovation	No	N/A	£30m	N/A
CVF 2.3 - Energy System Transition Innovation	Through innovation directed at solving strategic energy system transition challenges in R10-T2, we aim to leverage a £18.65m investment to realise benefits in excess of £29m in R10-T3	Pg 26, Annex 30: section 2.0 Innovation	Yes	£18.65m (A6.02)	£73m	N/A
CVF3.1 SF6 Commitments	Our commitments to SF6 reduction and alternatives will avoid 9,700kg of SF6 being added to the network across the R10-T2 period, avoiding estimated emissions equivalent to over 1,200 tCO2e annually. This represents a value of £11.8m over the life of the assets	Pg 36, Annex 30: section 3 An Environmentally Sustainable Network	Yes	£4.76m	£11.8m	N/A
CVF3.2 Losses Strategy	The network losses reduction initiatives contained within our Losses Strategy will result in the avoidance of 3,700 tCO2e annually. This represents a value of £36.1m over the life of the assets.	Pg 36, Annex 30: section 3 An Environmentally Sustainable Network	Yes	Embedded in Load and Non-load Expenditure	£36.1m	N/A
CVF3.3 Substation Energy Efficiency	Our commitment to implement energy efficiency measures at 48 substations will reduce energy consumption by more than 1,600MWh per year, enough to power the equivalent of 250 households and save over 250 tCO2e annually. This represents a value of £2.4m over the life of the assets.	Pg 36, Annex 30: section 3 An Environmentally Sustainable Network	Yes	Included within Business Carbon Footprint - Other Costs (£8.8m)	£2.4m	N/A
CVF3.4 Low Carbon Fleet	Our commitment to replace 100% of our 72 cars and vans with electric alternatives by the end of R10-T2 will result in the avoidance of over 100 tCO2e emissions per year. This represents a value of £0.10m over the life of the assets.	Pg 36, Annex 30: section 3 An Environmentally Sustainable Network	Yes	Included within Business Carbon Footprint - Other Costs (£8.8m)	£0.1m	N/A
CVF 3.5 Optimise Benefit from Non Operational Land	Our proposal to maximise environmental benefit from non-operational land will enable community groups to use the land for free to install upwards of 4MW of new renewable generation, enable c. 1,200 tCO2e carbon savings annually and support biodiversity enhancements at up to 20 sites. This represents a value of £4.2m over the life of the assets.	Pg 36, Annex 30: section 3 An Environmentally Sustainable Network	Yes	£0.1m	£4.2m	N/A
CVF 3.6 - Net Zero Fund	We estimate the Consumer Value Proposition of our Output Incentive Package achieves a social return on investment of at least £3 for every £1 invested in the Net Zero Fund	Pg 36, Annex 30: section 7.0 An Environmentally Sustainable Network	Yes	£20m over R10-T3 period (C2.2a_AP)	£3 for every £1 Invested in Net Zero Fund	PCD
CVF 4.1 - Networks safety education programmes	Using Willingness to Pay research, we estimate that our education programmes on electrical safety will have a consumer value of £380,000 over R10-T2	Pg 48, Annex 30: section 3.0 Health & Safety	No	N/A	£380,000 over T2	N/A
CVF 4.2 - Mental Health First Aid	We aim to train 2% of our staff as mental first aiders. Reducing mental health problems within our workforce could have a consumer value of up to £3.3m over the R10-T2 period	Pg 48, Annex 30: section 3.0 Health & Safety	No	N/A	£3.3m over T2	N/A
CVF5.1 - Carbon Abatement	Our baseline plan will directly connect 880MW of renewable generation, create capacity for 800MW of embedded generation and increase the capacity for additional renewable generation to be transferred across Scotland and Great Britain by 800MW. Reducing emissions by 1.6Mtpa with a value of £10.1m	Pg 64, Annex 30: section 4.0 Load Related Expenditure	Yes	£34.86 (B4.2a Scheme Summary)	£81m p.a.	PCD - Generation Connections - Sole Use - 1034MW PCD - Demand Connections - SP Distribution PCD - Wider Works - NDA (Excluding DWN0)
CVF5.2 - Constraint Costs	Reducing the annual constraint costs the ESO would incur by £152m by the end of R10-T2 as a result of our boundary upgrades we are completing in the period	Pg 64, Annex 30: section 4.0 Load Related Expenditure	Yes	£168.178 (B4.2a Scheme Summary)	£117m reduction in constraint costs	PCD - Wider Works - NDA (Excluding DWN0)
CVF5.3 - Electric Vehicle Capacity	Ensuring transmission network capacity for the connection of 130,000 new electric vehicles which we anticipate could require to be charged through the network by the end of R10-T2 - in doing so, we will contribute £3.7m per year in value by the end of R10-T2	Pg 64, Annex 30: section 4.0 Load Related Expenditure	Yes	£64.358 (B4.2a Scheme Summary)	£3.7m	PCD - Demand Connections - SP Distribution
CVF6.1 - Non-Load Risk	Network users and consumers benefit by reduced network risk as a result of our plan. The benefit is £1.6bn higher than if we had deferred the investments	Pg 80, Annex 30: section 5.0 Non-Load Related Expenditure	Yes	£416m (C2.2a_AP)	£1,600m	PCD - Network Asset Risk Metric
CVF6.2 - Non-Load Asset Modelling	By using advanced modelling of asset condition, we have avoided £81m of investment in existing assets during R10-T2	Pg 80, Annex 30: section 5.0 Non-Load Related Expenditure	No	N/A	£81m	N/A
CVF6.3 - Non-Load Network Constraint Costs	By doing detailed designs and extensive planning, we have generated a net benefit of up to £5.7m of avoided network constraint costs	Pg 80, Annex 30: section 5.0 Non-Load Related Expenditure	Yes	£43.64m (C2.2a_AP SPNLT2033 Windyhill 275kV Switchgear Replacement)	£5.7m	N/A
CVF7.1 - Connections Incentive	Connections Incentive: Using Willingness to Pay research conducted by Accent, we estimate a consumer value of £9.5m per annum for our connections incentive	Pg 148, Annex 30: section 6.0 Output Incentive Proposals	No	N/A	£9.5m	ODI
CVF7.2 - Stakeholder Engagement Plus	Our Stakeholder Engagement Plus Incentive has a consumer value of £3.4m per annum for each of the three outputs we are proposing	Pg 148, Annex 30: section 6.0 Output Incentive Proposals	No	N/A	£3.4m	ODI
CVF7.3 - Network Availability Incentive	Our Network Availability Incentive has a consumer value of up to £6.5m per annum	Pg 148, Annex 30: section 6.0 Output Incentive Proposals	No	N/A	£6.5m	ODI
CVF7.4 - Whole System ESO-TD Constraint Mitigation	Our proposed incentive on Whole System ESO-TD Constraint Mitigation equates to a consumer value of up to £21m per annum	Pg 148, Annex 30: section 6.0 Output Incentive Proposals	No	N/A	£21m	ODI
CVF7.5 - Additional Contribution to the Low Carbon Transition	Our proposed incentive of Additional Contribution to the Low Carbon Transition equates to a consumer value of £3.16m	Pg 148, Annex 30: section 6.0 Output Incentive Proposals	No	N/A	£3.16m	ODI