

National Grid Electricity Transmission (NGET) - consumer value proposition (CVP) snapshot table

This table is annex ET.07A to our 9 December 2019 final business plan. You should read it as a supplementary document to our main CVP annex ET.07

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 cost / BPDT reference	Value to consumer	
	A brief description of the CVP proposal (1-2 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 BPDT (and state the £m figure here). If any costs associated with the CVP proposal cannot be identified in the BPDT, please explain why	What is the monetised value of the proposal to consumers (£m)	For example, a separate uncertainty mechanism or an additional output which could potentially interact with this one. Please provide 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.
CVP1 - Optimisation of harmonic filtering	We can save consumers money by changing the approach to harmonic filtering so that we carry it out rather than our customers.	Chapter 7 of 200-page business plan Annex ET.07 on CVP	No	Not applicable	18.82	UM7-6: Harmonic filtering
CVP2 - Whole-system alternatives to reactor investments	We can save consumers money by finding alternative whole-system solutions to reactor investments to address reactive power issues.	Chapter 7 of 200-page business plan Annex ET.07 on CVP	Yes	30.7 BPDT 4.2a (These costs should not be netted off because our CVP value uses the costs saved)	16.62	Output 7-6: optimising with the DNOs
CVP3 - Whole system approach to low-voltage substation re-builds	We can save consumers money by finding alternative whole-system solutions for managing faults at Grid Supply Points (GSPs).	Chapter 8 of 200-page business plan Annex ET.07 on CVP	No	Not applicable	9.48	UM8-3: Low voltage re-builds (embedded generation)
CVP4 - Tougher energy not supplied (ENS) target	We are committing to a tougher energy not supplied target at no additional cost to consumers.	Chapter 9 of 200-page business plan Annex ET.07 on CVP Annex A9.10 on Energy not supplied incentive	No	Not applicable	2.68	This proposal relates to the common ODI on energy not supplied (ENS). Output 9-1: Reducing energy not supplied
CVP5 - Caring for the natural environment	We are committing to improve the natural capital value of our non-operational land by 10% at no additional cost to consumers.	Chapter 11 of 200-page business plan Annex ET.07 on CVP	No	Not applicable	14.67	Output 11-4: Natural capital This proposal relates to our proposed bespoke ODI on our environmental action plan.
CVP6 - Supporting local urban communities	We are proposing a new, innovative scheme to improve our assets in urban areas.	Chapter 11 of 200-page business plan Annex ET.07 on CVP	No	Not applicable	22.58	UM11-3: Urban improvement provision
CVP7 - Developing alternatives to SF6	We are proposing an innovation project to find an alternative for the SF6 insulation gas, which will reduce greenhouse gas emissions.	Chapter 12 of 200-page business plan Annex ET.07 on CVP	Yes	£2.5m BPDT: A6.02 This amount is part of £8m for 'reducing our carbon footprint' NIA proposal. The £8m cost covers more than just developing alternatives to SF6 (These costs should not be netted off our CVP value because we have already done this)	13.1	UM12-1: Innovation plan
CVP8 – SO:TO optimisation	We are proposing an approach where we can offer flexible options to the ESO to enable it to reduce constraint and whole-system costs for consumers.	Chapter 7 of 200-page business plan Annex ET.07 on CVP	No	Not applicable	84.88	Not applicable
CVP9 – Deeside innovation centre	We are expanding and opening up our Deeside innovation centre to allow cross-sector research and trials of technologies to allow whole-system innovations to be applied more quickly.	Chapter 12 of 200-page business plan Annex ET.07 on CVP	Yes	£30m BPDT: A6.02 'Facilitating whole energy systems energy innovation' NIA proposal. (These costs should not be netted off our CVP value because we have already done this)	26.13	UM12-1: Innovation plan