

DCP 205 Proposed Legal Text Option (c)

Costs to be paid in full by us

1.30 We will fully fund Reinforcement carried out greater than one voltage level above the POC to the existing Distribution System.

1.31 Other than in circumstances described in 1.32, we will also fully fund Reinforcement at lower voltages carried out to allow the installation of all equipment at an existing premises which remain connected via an existing low-voltage single, two or three phase service fused at 100 amperes or less per phase and with whole-current metering, including where that equipment is part of multiple installations made by a single applicant, and also where it is necessary to remove a low-voltage single, two or three phase looped service for these existing premises where the customer's Required Capacity is less than or equal to the Existing Capacity.

1.32 The circumstances where we will not fully fund the Reinforcement at lower voltages for those existing premises described in 1.31 are where

- (a) the installation is of generation equipment with a rated output greater than 16 amperes per phase (including the connection of generation equipment of less than 16 amperes per phase where the aggregate capacity of installed generation equipment at the premises is greater than 16 amperes per phase);
- (b) the installation is of any equipment which does not meet the applicable relevant standard for that equipment type, as set out below:

- BS EN 61000-3-2 Limits for harmonic current emissions (equipment input current 16 A per phase)
- BS EN 61000-3-3 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current 16 A per phase)
- BS EN 61000-3-11 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems. Equipment with rated voltage current 75 A)
- BS EN 61000-3-12 Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current 16 A and 75 A per phase)

Comment [C1]: These standards apply to all equipment intend to be connected to the public LV network in the EU.

~~1.34~~33 Where another LDNO with a distribution network that is connected to our Distribution System requires an increase in capacity to its distribution network, the voltage at the POC for assessing the one voltage rule will be:

- In the case of a new extension to the network of the other LDNO, the voltage of connection at which the Extension Assets will connect to the other LDNO's network; or

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- In the case of additional capacity required in respect of a Customer connected to the existing assets of the LDNO, the voltage at which the Customer connects to the LDNO's network; or
- In the case of additional capacity required to meet general load growth on the LDNO's network then the Reinforcement costs will be borne by us. The LDNO will be required to provide justification in such circumstances.

1.32-34 The table below illustrates the application of the one voltage rule in relation to Reinforcement. You will be required to contribute towards the cost of any Reinforcement provided at one voltage level above the POC, up to and including the cost of circuit breakers provided at that voltage.

England & Wales

| Voltage of Scheme Assets | Voltage at the POC | | | |
|-----------------------------|--------------------------------------|---------------------------------------|-------------------------------------|----------------|
| | LV (below 1000V) | HV (above 1kV but less than 22kV) | EHV (above 22kV but less than 72kV) | 132kV |
| 132kV Network | We fund | We fund ¹ | Apportioned | Apportioned |
| 132kV/ EHV | We fund | EHV circuit breakers only Apportioned | Apportioned | Not applicable |
| EHV Network | We fund | Apportioned | Apportioned | Not applicable |
| 132kV/ HV Substation | HV circuit breakers only Apportioned | Apportioned | Not applicable | Not applicable |
| EHV/HV Substation | HV circuit breakers only Apportioned | Apportioned | Not applicable | Not applicable |
| HV Network | Apportioned | Apportioned | Not applicable | Not applicable |
| HV/ LV Substation | Apportioned | Not applicable | Not applicable | Not applicable |
| LV Network | Apportioned | Not applicable | Not applicable | Not applicable |

Except where there is direct transformation from 132kV to HV when the costs are apportioned.

Scotland

| Voltage of | Voltage at the POC | | |
|------------|--------------------|----|-----|
| | LV | HV | EHV |

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| Scheme Assets | (below 1000V) | (above 1kV but less than 22kV) | (above 22kV but less than 72kV) |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------|
| EHV Network | We fund | Apportioned | Apportioned |
| EHV/HV Substation | HV circuit breakers only Apportioned | Apportioned | Not applicable |
| HV Network | Apportioned | Apportioned | Not applicable |
| HV/ LV Substation | Apportioned | Not applicable | Not applicable |
| LV Network | Apportioned | Not applicable | Not applicable |