

1.23 The costs of Reinforcement will be apportioned using one of two Cost Apportionment Factors (CAFs), dependent upon which factor is driving the requirement for Reinforcement:

- The ‘Security CAF’; and
- The ‘Fault Level CAF’

1.24 The following definitions are used in the application of the CAFs.

Existing Capacity	For existing Customers their Existing Capacity will be either:- a) the Maximum Capacity used in the calculation of their use of system charges; or b) for Customers who are not charged for use of system on the basis of their Maximum Capacity the lower of: • No. of phases x nominal phase-neutral voltage (kV) x fuse rating (A); and • The rating of the service equipment.
Fault Level Contribution from Connection	is the assessment of the Fault Level contribution from the equipment to be connected taking account of its impact at the appropriate point on the Distribution System. Where an existing Customer requests a change to a connection then the ‘‘Fault Level Contribution from Connection’’ is defined as the incremental increase in Fault Level caused by the Customer.
New Fault Level Capacity	is the Fault Level rating, following Reinforcement, of the equipment installed after taking account of any restrictions imposed by the local network Fault Level capacity. For the avoidance of doubt this rule will be used for all equipment types and voltages.
New Network Capacity	is the secure capacity of the Relevant Section of Network following Reinforcement. This is our assessment of the resultant capacity and will be considered in respect of thermal capacity, voltage drop change and upstream restrictions and compliance with our relevant design, planning and security of supply policies. The equipment ratings to be used are the appropriate operational rating at the time of the most onerous operational conditions taking account of seasonal ratings and demand.
Relevant Section of Network (RSN)	is that part or parts of the Distribution System that can be used to supply you in both normal and abnormal running arrangements. There may be more than one RSN, e.g. at different voltage levels.
Required Capacity	is the Maximum Capacity agreed with the Customer. In the case of multiple connections (e.g. a housing development) it may be adjusted after consideration of the effects of diversity. Where an existing Customer requests an increase in capacity then it is the increase above their

	Existing Capacity.
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- 1.25 The 'Security CAF' is applied, where the costs are driven by either thermal capacity or voltage (or both) as assessed against the relevant standard. This rule determines the proportion of the Reinforcement costs that should be paid by you as detailed below.

$$\text{Security CAF} = \frac{\text{Required Capacity}}{\text{New Network Capacity}} \times 100\% \quad (\text{max } 100\%)$$