

**Western Power Distribution**

**(South West) plc**

**Use of System Charging Statement**

**NOTICE OF CHARGES**

**Effective from 1st April 2021**

**Version 0.1**

This statement is in a form to be approved by the Gas and Electricity Markets Authority.

## Version Control

Version	Date	Description of version and any changes made
0.1	December 2019	Published Finals

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## 1. Introduction

- 1.1. This statement tells you about our charges and the reasons behind them. It has been prepared consistent with Standard Licence Condition 14 of our Electricity Distribution Licence. The main purpose of this statement is to provide our schedule of charges<sup>1</sup> for the use of our Distribution System and to provide the schedule of Line Loss Factors<sup>2</sup> that should be applied in Settlement to account for losses from the Distribution System. We have also included guidance notes in Appendix 2 to help improve your understanding of the charges we apply.
- 1.2. Within this statement we use terms such as 'Users' and 'Customers' as well as other terms which are identified with initial capitalisation. These terms are defined in the glossary.
- 1.3. The charges in this statement are calculated using the following methodologies as per the Distribution Connection and Use of System Agreement (DCUSA)<sup>3</sup>:
  - Common Distribution Charging Methodology (CDCM); for Low Voltage (LV) and High Voltage (HV) Designated Properties as per DCUSA Schedule 16;
  - Extra High Voltage (EHV) Distribution Charging Methodology (EDCM); for Designated EHV Properties as per DCUSA Schedule 18; and
  - Price Control Disaggregation Model (PCDM); which calculates the discount percentages applied to tariffs for LDNOs in the CDCM and EDCM as per DCUSA Schedule 29.
- 1.4. Separate charges are calculated depending on the characteristics of the connection and whether the use of the Distribution System is for demand or generation purposes. Where a generation connection is seen to support the Distribution System the charges will be negative and the Supplier will receive credits for exported energy.
- 1.5. The application of charges to premises can usually be referenced using the Line Loss Factor Class (LLFC) contained in the charge tables. Further information on how to identify and calculate the charge that will apply for your premises is provided in the guidance notes in Appendix 2.

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<sup>1</sup> Charges can be positive or negative.

<sup>2</sup> Known as adjustment factors in the Distribution Licence and commonly referred to as Loss Adjustment Factors. The schedule of Line Loss Factors will be provided in a revised statement shortly after the Line Loss Factors for the relevant year have been successfully audited by Elexon.

<sup>3</sup> The Distribution and Connection Use of System Agreement (DCUSA) available from <http://www.dcuda.co.uk/SitePages/Documents/DCUSA-Document.aspx>

- 1.6. All charges in this statement are shown **exclusive** of VAT. Invoices will include VAT at the applicable rate.
- 1.7. The annexes that form part of this statement are also available in spreadsheet format. This spreadsheet contains supplementary information used for charging purposes and a simple model to assist you to calculate charges. This spreadsheet can be downloaded from [www.westernpower.co.uk](http://www.westernpower.co.uk).

### **Validity period**

- 1.8. This charging statement is valid for services provided from the effective date stated on the front of the statement and remains valid until updated by a revised version or superseded by a statement with a later effective date.
- 1.9. When using this charging statement, care should be taken to ensure that the relevant statement or statements covering the period that is of interest are used.
- 1.10. Notice of any revision to the statement will be provided to Users of our Distribution System (with the exception of updates to Annex 6; New or Amended EHV Sites which will be published as an addendum). The latest statements can be downloaded from [www.westernpower.co.uk](http://www.westernpower.co.uk).

### **Contact details**

- 1.11. If you have any questions about this statement please contact us at this address:

Income Team  
Western Power Distribution  
Avonbank  
Feeder Rd  
Bristol  
BS2 0TB  
email: [wpdpricing@westernpower.co.uk](mailto:wpdpricing@westernpower.co.uk)

- 1.12. All enquiries regarding connection agreements and changes to maximum capacities should be addressed to:

Connection Policy Engineer  
Avonbank  
Feeder Rd  
Bristol  
BS2 0TB  
email: [wpdconnectionspolicy@westernpower.co.uk](mailto:wpdconnectionspolicy@westernpower.co.uk)

- 1.13. For all other queries please contact our general enquiries telephone number: 0800 096 3080; lines are open 08:00 – 18:00 Monday to Friday.

- 1.14. You can also find us on Facebook  and Twitter .

## **2. Charge application and definitions**

- 2.1. The following section details how the charges in this statement are applied and billed to Users of our Distribution System.

### **The Supercustomer and Site-specific billing approaches**

- 2.2. We utilise two billing approaches depending on the type of metering data received:
- (a) The 'Supercustomer' approach for Customers for whom we receive aggregated consumption data through Settlement; and
  - (b) The 'Site-specific' approach for Customers for whom we receive Site-specific consumption data through Settlement.
- 2.3. We receive aggregated consumption data through Settlement for:
- (a) Domestic and non-domestic Customers for whom Non-Half Hourly (NHH) metering data is used in Settlement (i.e. Customers with MPANs which are registered to Measurement Class A);
  - (b) Customers which are unmetered and are not settled as pseudo Half Hourly (HH) metered (i.e. Customers with MPANs which are registered to Measurement Class B);
  - (c) Domestic Customers for whom HH metering data is used in Settlement (i.e. Customers with MPANs which are registered to Measurement Class F); and
  - (d) Non-domestic Customers for whom HH metering data is used in Settlement and which have whole current (WC) metering (i.e. Customers with MPANs which are registered to Measurement Class G).
- 2.4. We receive site specific consumption data through Settlement for:
- (a) Non-domestic Customers for whom HH metering data is used in Settlement and which have current transformer (CT) metering (i.e. Customers with MPANs which are registered to measurement class C or E); and
  - (b) Customers which are unmetered and settled as pseudo HH metered (i.e. Customers with MPANs which are registered to measurement class D).

### **Supercustomer billing and payment**

- 2.5. The Supercustomer approach makes use of aggregated data obtained from Suppliers using the 'Aggregated Distribution Use of System (DUoS) Report' data flow.
- 2.6. Invoices are calculated on a periodic basis and sent to each User for whom we transport electricity through our Distribution System. Invoices are reconciled over a period of approximately 14 months to reflect later and more accurate consumption figures.
- 2.7. The charges are applied on the basis of the LLFC assigned to the MPAN, and the units (or kWhs) consumed within the time periods specified in this statement. These time periods are not the same as those indicated by the Time Pattern Regime (TPR) assigned to the Standard Settlement Configuration (SSC). All LLFCs are assigned at our sole discretion, based on the tariff application rules set out in the appropriate charging methodology or elsewhere in this statement. Please refer to the section 'Incorrectly allocated charges' if you believe the allocated LLFC or tariff is incorrect.

### **Supercustomer charges**

- 2.8. Supercustomer charges include the following components:
  - a fixed charge, pence/MPAN/day, there will only be one fixed charge applied to each MPAN; and
  - unit charges, pence/kilowatt-hour (kWh); three unit charges will apply depending on the time of day and the type of tariff for which the MPAN is registered.
- 2.9. Users who wish to supply electricity to Customers for whom we receive aggregated data through Settlement (see paragraph 2.3) will be allocated the relevant charge structure set out in Annex 1.
- 2.10. Identification of the appropriate charge can be made by cross-reference to the LLFC.
- 2.11. Valid Settlement Profile Class (PC)/Standard Settlement Configuration (SSC)/Meter Timeswitch Code (MTC) combinations for LLFCs where the Metering System is Measurement Class A or B are detailed in Market Domain Data (MDD).
- 2.12. We do not apply a default tariff for invalid combinations.
- 2.13. The 'Domestic Aggregated (related MPAN) and Non-Domestic Aggregated (related MPAN) charges are supplementary to their respective unrelated MPAN charge.

### **Site-specific billing and payment**

- 2.14. The Site-specific billing and payment approach makes use of HH metering data at premises level received through Settlement.

- 2.15. Invoices are calculated on a periodic basis and sent to each User for whom we transport electricity through our Distribution System. Where an account is based on estimated data, the account shall be subject to any adjustment that may be necessary following the receipt of actual data from the User.
- 2.16. The charges are applied on the basis of the LLFCs assigned to the MPAN (or the (MSID) for Central Volume Allocation (CVA) sites), and the units consumed within the time periods specified in this statement. Where MPANs have not been associated, for example when multiple points of connection fed from different sources are used for a single site, the relevant number of fixed charges will be applied
- 2.17. All LLFCs are assigned at our sole discretion, based on the tariff application rules set out in the appropriate charging methodology or elsewhere in this statement. Please refer to the section 'Incorrectly allocated charges' if you believe the allocated LLFC or tariff is incorrect. Where an incorrectly applied LLFC is identified, we may at our sole discretion apply the correct LLFC and/or charges.

***Site-specific billed charges***

- 2.18. Site-specific billed charges may include the following components:
- a fixed charge, pence/MPAN/day or pence/MSID/day;
  - a capacity charge, pence/kilovolt-ampere (kVA)/day, for Maximum Import Capacity (MIC) and/or Maximum Export Capacity (MEC);
  - an excess capacity charge, pence/kVA/day, if a site exceeds its MIC and/or MEC;
  - three unit charges, pence/kWh, depending on the time of day and the type of tariff for which the MPAN is registered; and
  - a reactive power charge, pence/kilovolt-ampere reactive hour (kVArh), for each unit in excess of the reactive charge threshold.
- 2.19. Users who wish to supply electricity to Customers for whom we receive Site-specific data through Settlement (see paragraph 2.4) will be allocated the relevant charge structure dependent upon the voltage and location of the Metering Point.
- 2.20. Fixed charges are generally levied on a pence per MPAN/MSID per day basis. Where two or more HH MPANs/MSIDs are located at the same point of connection (as identified in the Connection Agreement), with the same LLFC, and registered to the same Supplier, only one daily fixed charge will be applied.
- 2.21. LV and HV Designated Properties will be charged in accordance with the CDCM and allocated the relevant charge structure set out in Annex 1.



- 2.22. Designated EHV Properties will be charged in accordance with the EDCM and allocated the relevant charge structure set out in Annex 2.
- 2.23. Where LV and HV Designated Properties or Designated EHV Properties have more than one point of connection (as identified in the Connection Agreement) then separate charges will be applied to each point of connection.

### ***Time periods***

- 2.24. The time periods for the application of unit charges to metered LV and HV Designated Properties are detailed in Annex 1. We have not issued a notice to change the time bands.
- 2.25. The time periods for the application of unit charges to Unmetered Supply Exit Points are detailed in Annex 1. We have not issued a notice to change the time bands.
- 2.26. The time periods for the application of unit charges to Designated EHV Properties are detailed in Annex 2. We have not issued a notice to change the time bands

### ***Application of capacity charges***

- 2.27. The following sections explain the application of capacity charges and exceeded capacity charges.

### ***Chargeable capacity***

- 2.28. The chargeable capacity is, for each billing period, the MIC/MEC, as detailed below.
- 2.29. The MIC/MEC will be agreed with us at the time of connection or pursuant to a later change in requirements. Following such an agreement (be it at the time of connection or later) no reduction in MIC/MEC will be allowed for a 12 month period.
- 2.30. Reductions to the MIC/MEC may only be permitted once in a 12 month period. Where the MIC/MEC is reduced the new lower level will be agreed with reference to the level of the Customer's maximum import and/or export demand respectively. The new MIC/MEC will be applied from the start of the next billing period after the date that the request was received. It should be noted that, where a new lower level is agreed, the original capacity may not be available in the future without the need for network reinforcement and associated charges.
- 2.31. In the absence of an agreement, the chargeable capacity, save for error or omission, will be based on the last MIC/MEC that we have previously agreed for the relevant premises' connection. A Customer can seek to agree or vary the MIC/MEC by contacting us using the contact details in section 1.12.

### **Exceeded capacity**

2.32. Where a Customer takes additional unauthorised capacity over and above the MIC/MEC, the excess will be classed as exceeded capacity. The exceeded portion of the capacity will be charged at the excess capacity charge p/kVA/day rate, based on the difference between the MIC/MEC and the actual capacity used. This will be charged for the full duration of the billing period in which the breach occurs.

### **Demand exceeded capacity**

$$\text{Demand exceeded capacity} = \max(2 \times \sqrt{AI^2 + \max(RI, RE)^2} - MIC, 0)$$

Where:

AI = Active import (kWh)

RI = Reactive import (kVAh)

RE = Reactive export (kVAh)

MIC = Maximum import capacity (kVA)

2.33. Only reactive import and reactive export values occurring at times of active import are used in the calculation. Where data for two or more MPANs is aggregated for billing purposes the HH consumption values are summated prior to the calculation above.

2.34. This calculation is completed for every half hour and the maximum value from the billing period is applied.

### **Generation exceeded capacity**

$$\text{Generation exceeded capacity} = \max(2 \times \sqrt{AE^2 + \max(RI, RE)^2} - MEC, 0)$$

Where:

AE = Active export (kWh)

RI = Reactive import (kVAh)

RE = Reactive export (kVAh)

MEC = Maximum export capacity (kVA)

2.35. Only reactive import and reactive export values occurring at times of active export are used in the calculation. Where data for two or more MPANs is aggregated for billing purposes the HH consumption values occurring at times of kWh export are summated prior to the calculation above.

2.36. This calculation is completed for every half hour and the maximum value from the billing period is applied.

**Standby capacity for additional security on site**

2.37. Where standby capacity charges are applied, the charge will be set at the same rate as that applied to normal MIC. Should a Customer's request for additional security of supply require the provision of capacity from two different sources, we reserve the right to charge for the capacity held at each source.

**Minimum capacity levels**

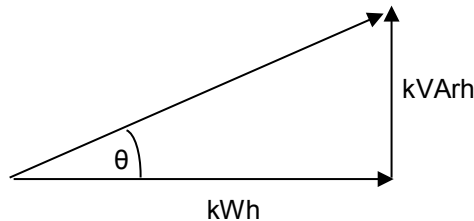
2.38. There is no minimum capacity threshold.

**Application of charges for excess reactive power**

2.39. When an individual HH metered MPAN's reactive power (measured in kVArh) at LV and HV Designated Properties exceeds 33% of its total active power (measured in kWh) in any given half hour, excess reactive power charges will apply. This threshold is equivalent to an average power factor of 0.95 during that half hour. Any reactive units in excess of the 33% threshold are charged at the rate appropriate to the particular charge.

2.40. Power Factor is calculated as follows:

Cos  $\theta$  = Power Factor



2.41. The chargeable reactive power is calculated as follows:

**Demand chargeable reactive power**

$$\text{Demand chargeable kVArh} = \max\left(\max(RI, RE) - \left(\sqrt{\left(\frac{1}{0.95^2} - 1\right)} \times AI\right), 0\right)$$

Where:

AI = Active import (kWh)

RI = Reactive import (kVArh)

RE = Reactive export (kVArh)

2.42. Only reactive import and reactive export values occurring at times of active import are used in the calculation. Where data for two or more MPANs is aggregated for billing purposes the HH consumption values are summated prior to the calculation above.

2.43. The square root calculation will be to two decimal places.

2.44. This calculation is completed for every half hour and the values summated over the billing period.

**Generation chargeable reactive power**

$$\text{Generation chargeable kVArh} = \max\left(\max(RI, RE) - \left(\sqrt{\left(\frac{1}{0.95^2} - 1\right)} \times AE\right), 0\right) \text{ Where:}$$

AE = Active export (kWh)

RI = Reactive import (kVArh)

RE = Reactive export (kVArh)

2.45. Only reactive import and reactive export values occurring at times of active export are used in the calculation. Where data for two or more MPANs is aggregated for billing purposes the HH consumption values are summated prior to the calculation above.

2.46. The square root calculation will be to two decimal places.

2.47. This calculation is completed for every half hour and the values summated over the billing period.

**Incorrectly allocated charges**

2.48. It is our responsibility to apply the correct charges to each MPAN/MSID. The allocation of charges is based on the voltage of connection, import/export details including multiple MPANs, metering information and, for some tariffs, the metering location.

2.49. We are responsible for deciding the voltage of connection. Generally this is determined by where the metering is located and where responsibility for the electrical equipment transfers from us to the connected Customer.

2.50. The Supplier determines and provides us with the metering information and data to enable us to allocate charges. The metering information and data is likely to change over time if, for example, a Supplier changes an MPAN from non-domestic to domestic following a change of use at the premise. When we are notified this has happened we will change the allocation of charges accordingly.

2.51. If it has been identified that a charge may have been incorrectly allocated due to the metering information and/or data then a request for investigation should be made to the Supplier.

- 2.52. Where it has been identified that a charge may have been incorrectly allocated due to the voltage of connection, import/export details or metering location or any other relevant factor then a request to investigate the applicable charges should be made to us. Requests from persons other than the Customer or the current Supplier must be accompanied by a Letter of Authority from the Customer; the current Supplier must also acknowledge that they are aware a request has been made. Any request must be supported by an explanation of why it is believed that the current charge should be changed, along with supporting information including, where appropriate, photographs of metering positions or system diagrams. Any request to change the current charge that also includes a request for backdating must include justification as to why it is considered appropriate to backdate the change.
- 2.53. An administration charge (covering our reasonable costs) may be made if a technical assessment or site visit is required, but we will not apply any charge where we agree to the change request.
- 2.54. Where we agree that the current LLFC/charge should be changed, we will then allocate the appropriate set of charges for the connection. Any adjustment will be applied from the date of the request, back to either the date of the incorrect allocation or; up to the maximum period specified by the Limitation Act (1980) in England and Wales, which covers a six year period from the date of request, whichever is the shorter.
- 2.55. Any credit or additional charge will be issued to the relevant Supplier(s) effective during the period of the change.
- 2.56. Should we reject the request (as per paragraph 2.56) a justification will be provided to the requesting party. We shall not unreasonably withhold or delay any decision on a request to change the charges applied and would expect to confirm our position on the request within three months of the date of request.

#### **Generation charges for pre-2005 designated EHV properties**

- 2.57. Designated EHV Properties that were connected to the Distribution System under a pre-2005 connection charging policy are eligible for exemption from Use of System (UoS) charges for generation unless one of the following criteria has been met:
- 25 years have passed since their first energisation/connection date (i.e. Designated EHV Properties with Connection Agreements dated prior to 1st April 2005, and for which 25 years has passed since their first energisation/connection date will receive UoS charges for generation from the next charging year following the expiry of their 25 years exemption, (starting 1st April), or
  - the person responsible for the Designated EHV Property has provided notice to us that they wish to opt in to UoS charges for generation.

If a notice to opt in has been provided there will be no further opportunity to opt out.

- 2.58. Furthermore, if an exempt Customer makes an alteration to its export requirement then the Customer may be liable to be charged for the additional capacity required for energy imported or exported. For example, where a generator increases its export capacity the incremental increase in export capacity will attract UoS charges as with other non-exempt generators.

### **Provision of billing data**

- 2.59. Where HH metering data is required for UoS charging and this is not provided in accordance with the BSC or DCUSA, such metering data shall be provided to us by the User of the system in respect of each calendar month within five working days of the end of that calendar month.
- 2.60. The metering data shall identify the amount of energy conveyed across the Metering System in each half hour of each day and shall separately identify active and reactive import and export. Metering data provided to us shall be consistent with that received through the metering equipment installed.
- 2.61. Metering data shall be provided in an electronic format specified by us from time to time and, in the absence of such specification, metering data shall be provided in a comma-separated text file in the format of Master Registration Agreement (MRA) data flow D0036<sup>4</sup> (as agreed with us). The data shall be emailed to [wpdduos@westernpower.co.uk](mailto:wpdduos@westernpower.co.uk).
- 2.62. We require details of reactive power imported or exported to be provided for all Measurement Class C and E sites. It is also required for CVA sites and Exempt Distribution Network boundaries with difference metering. We reserve the right to levy a charge on Users who fail to provide such reactive data.

### **Out of area use of system charges**

- 2.63. We do not operate networks outside our Distribution Services Area

### **Licensed distribution network operator charges**

- 2.64. Licensed Distribution Network Operator (LDNO) charges are applied to LDNOs who operate Embedded Networks within our Distribution Services Area.
- 2.65. The charge structure for LV and HV Designated Properties embedded in networks operated by LDNOs will mirror the structure of the 'All-the-way' charge and is dependent upon the voltage of connection of each embedded network to our Distribution System. The relevant charge structures are set out in Annex 4.
- 2.66. We do not apply a default tariff for invalid combinations.

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<sup>4</sup> MRA Data Transfer Catalogue available from <https://dtc.mrasco.com/>

2.67. The charge structure for Designated EHV Properties embedded in networks operated by LDNOs will be calculated individually using the EDCM. The relevant charge structures are set out in Annex 2.

2.68. For Nested Networks the relevant charging principles set out in DCUSA Schedule 21 will apply.

#### **Licence exempt distribution networks**

2.69. The Electricity and Gas (Internal Market) Regulations 2011<sup>5</sup> introduced new obligations on owners of licence exempt distribution networks (sometimes called private networks) including a duty to facilitate access to electricity and gas suppliers for Customers within those networks.

2.70. When Customers (both domestic and commercial) are located within a licence exempt distribution network and require the ability to choose their own Supplier this is called 'third party access'. These embedded Customers will require an MPAN so that they can have their electricity supplied by a Supplier of their choice.

2.71. Licence exempt distribution networks owners can provide third party access using either full settlement metering or the difference metering approach.

#### **Full settlement metering**

2.72. This is where a licence exempt distribution network is set up so that each embedded installation has an MPAN and Metering System and therefore all Customers purchase electricity from their chosen Supplier. In this case there are no Settlement Metering Systems at the boundary between the licensed Distribution System and the licence exempt distribution network.

2.73. In this approach our UoS charges will be applied to each MPAN.

#### **Difference metering**

2.74. This is where one or more, but not all, Customers on a licence exempt distribution network choose their own Supplier for electricity supply to their premises. Under this approach, the Customers requiring third party access on the licence exempt distribution network will have their own MPAN and must have a HH Metering System.

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<sup>5</sup> The Electricity and Gas (Internal Market) Regulations 2011 available from <http://www.legislation.gov.uk/uksi/2011/2704/contents/made>

## **Gross settlement**

- 2.75. Where one of our MPANs (Prefix 22) is embedded within a licence exempt distribution network connected to our Distribution System, and difference metering is in place for Settlement purposes and we receive gross measurement data for the boundary MPAN, we will continue to charge the boundary MPAN Supplier for use of our Distribution System. No charges will be levied by us directly to the Customer or Supplier of the embedded MPAN(s) connected within the licence exempt distribution network.
- 2.76. We require that gross metered data for the boundary of the connection is provided to us. Until a new industry data flow is introduced for the sending of such gross data, gross metered data shall:
- be provided in a text file in the format of the D0036 or D0275 MRA data flow;
  - the text file shall be emailed to [wpdduos@westernpower.co.uk](mailto:wpdduos@westernpower.co.uk);
  - the title of the email should also contain the phrase “gross data for difference metered private network” and contain the metering reference specified by us in place of the Settlement MPAN; and
  - the text filename shall be formed of the metering reference specified by us followed by a hyphen and followed by a timestamp in the format YYYYMMDDHHMMSS and followed by “.txt”.
- 2.77. For the avoidance of doubt, the reduced difference metered measurement data for the boundary connection that is to enter Settlement should continue to be sent using the Settlement MPAN.

## **Net settlement**

- 2.78. Where one of our MPANs (Prefix 22) is embedded within a licence exempt distribution network connected to one of our Distribution Systems, and difference metering is in place for Settlement purposes, and we do **not** receive gross measurement data for the boundary MPAN, we will charge the boundary MPAN Supplier based on the net measurement for use of our Distribution System. Charges will also be levied directly to the Supplier of the embedded MPAN(s) connected within the licence exempt distribution network based on the actual data received.



### **3. Schedule of charges for use of the distribution system**

- 3.1. Tables listing the charges for use of our Distribution System are published in annexes to this document.
- 3.2. These charges are also listed in a spreadsheet which is published with this statement and can be downloaded from [www.westernpower.co.uk](http://www.westernpower.co.uk).
- 3.3. Annex 1 contains the charges applied to LV and HV Designated Properties.
- 3.4. Annex 2 contains the charges applied to our Designated EHV Properties and charges applied to LDNOs for Designated EHV Properties connected to their Distribution Systems.
- 3.5. Annex 3 contains details of any preserved and additional charges that are valid at this time. Preserved charges are mapped to an appropriate charge and are closed to new Customers.
- 3.6. Annex 4 contains the charges applied to LDNOs in respect of LV and HV Designated Properties connected to their Distribution Systems.

## 4. Schedule of line loss factors

### Role of line loss factors in the supply of electricity

- 4.1. Electricity entering or exiting our Distribution System is adjusted to take account of energy that is lost<sup>6</sup> as it is distributed through the network. This adjustment does not affect distribution charges but is used in energy settlement to take metered consumption to a notional Grid Supply Point so that Suppliers' purchases take account of the energy lost on the Distribution System.
- 4.2. We are responsible for calculating the Line Loss Factors (LLFs) and providing these to Elexon. Elexon is the company that manages the BSC.
- 4.3. LLFs are used to adjust the Metering System volumes to take account of losses on the Distribution System.

### Calculation of line loss factors

- 4.4. LLFs are calculated in accordance with BSCP128 which sets out the procedure and principles with which our LLF methodology must comply. It also defines the procedure and timetable by which LLFs are reviewed and submitted.
- 4.5. LLFs are calculated for a set number of time periods during the year using either a generic or Site-specific method. The generic method is used for sites connected at LV or HV and the Site-specific method is used for sites connected at EHV or where a request for Site-specific LLFs has been agreed. Generic LLFs will be applied as a default to all new EHV sites until sufficient data is available for a Site-specific calculation.
- 4.6. Where the usage profile for a given site contains insufficiently large consumption or generation volumes, a default calculation or default replacement process will be undertaken to enable calculation of a realistic site specific LLF.
- 4.7. The definition of EHV used for LLF purposes differs from the definition used for defining Designated EHV Properties in the EDCM. The definition used for LLF purposes can be found in our LLF methodology, which can be found on the Elexon website<sup>7</sup>.

### Publication of line loss factors

- 4.8. The LLFs used in Settlement are published on the Elexon Portal<sup>8</sup>. The website contains the LLFs in standard industry data formats and in a summary form. A user guide with details on registering and using the portal is also available.

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<sup>6</sup> Energy can be lost for technical and non-technical reasons and losses normally occur by heat dissipation through power flowing in conductors and transformers. Losses can also reduce if a customer's action reduces power flowing in the distribution network. This might happen when a customer generates electricity and the produced energy is consumed locally.

<sup>7</sup> The following page has links to BSCP128 and to our LLF methodology: <http://www.elexon.co.uk/reference/technical-operations/losses/>

<sup>8</sup> The Elexon Portal can be accessed from [www.elexonportal.co.uk](http://www.elexonportal.co.uk)

- 4.9. BSCP128 sets out the timetable by which LLFs are submitted and audited. The submission and audit occurs between September and December in the year prior to the LLFs becoming effective. Only after the completion of the audit at the end of December and BSC approval are the final LLFs published.
- 4.10. As this statement is published a complete year before the LLFs for the charging year have been produced, Annex 5 is intentionally left blank. This statement will be reissued with Annex 5 populated once the LLFs have been calculated and audited. This should typically be more than three months prior to the statement coming into force.
- 4.11. When using the tables in Annex 5, reference should be made to the LLFC allocated to the MPAN to find the appropriate values.

## **5. Notes for Designated EHV Properties**

### **EDCM nodal costs**

- 5.1. A table is provided in the accompanying spreadsheet which shows the underlying Long Run Incremental Cost (LRIC) nodal costs used to calculate the current EDCM charges. This spreadsheet is available to download from our website.
- 5.2. These are illustrative of the modelled costs at the time that this statement was published. A new connection will result in changes to current network utilisations, which will then form the basis of future prices. The charge determined in this statement will not necessarily be the charge in subsequent years because of the interaction between new and existing network connections and any other changes made to our Distribution System which may affect charges.

### **Charges for new Designated EHV Properties**

- 5.3. Charges for any new Designated EHV Properties calculated after publication of the current statement will be published on our website in an addendum to that statement as and when necessary. The addendum will include charge information of the type found in Annex 2, and LLFs as found in Annex 5.
- 5.4. The form of the addendum is detailed in Annex 6 to this statement.
- 5.5. The new Designated EHV Properties' charges will be added to Annex 2 in the next full statement released.

### **Charges for amended Designated EHV Properties**

- 5.6. Where an existing Designated EHV Property is modified and energised in the charging year, we may revise the EDCM charges for the modified Designated EHV Property. If revised charges are appropriate, an addendum will be sent to all relevant parties and published as a revised 'Schedule of Charges and other tables' spreadsheet on our website. The modified Designated EHV Property charges will be added to Annex 2 in the next full statement released.

## **Demand-side management**

5.7. Our Demand Side Management approach is as follows:

- All EDCM Customers may apply to enter into a Demand Side Management Contract
- We may at our sole discretion approach specific Customers, aggregators or Suppliers to provide a range of Demand Side responses in specific locations based on network needs. These agreements may be for pre or post fault arrangements. It is at our sole discretion whether to offer post-fault Demand Side Management agreements.
- Payments accrued by a Customer who enters into a Demand Side Management agreement will be reflected in their Distribution Use of System Charges to their Supplier. Payments may be subject to reduction if the Customer fails to deliver demand reductions in accordance with the agreement
- The minimum demand reduction capacity a Customer can offer is 25% of its Maximum Import Capacity.

5.8. Requests for Demand Side Management agreements should be sent to the Income Manager at the address shown in paragraph 1.11.

## **6. Electricity distribution rebates**

- 6.1. We have neither given nor announced any DUoS rebates to Users in the 12 months preceding the date of publication of this version of the statement.

## **7. Accounting and administration services**

- 7.1. We reserve the right to impose payment default remedies. The remedies are as set out in DCUSA where applicable or else as detailed in the following paragraph.
- 7.2. If any invoices that are not subject to a valid dispute remain unpaid on the due date, late payment interest (calculated at base rate plus 8%) and administration charges may be imposed.
- 7.3. Our administration charges are detailed in the following table. These charges are set at a level which is in line with the Late Payment of Commercial Debts Act;

<b>Size of Unpaid Debt</b>	<b>Late Payment Fee</b>
Up to £999.99	£40.00
£1,000 to £9,999.99	£70.00
£10,000 or more	£100.00

## **8. Charges for electrical plant provided ancillary to the grant of use of system**

- 8.1. None

## **9. Schedule of fixed adders to recover Supplier of Last Resort and Eligible Bad Debt pass-through costs**

### **Supplier of Last Resort**

9.1. In accordance with Standard Condition 38B 'Treatment of payment claims for last-resort supply where Valid Claim is received on or after 1 April 2019' ('SLC38B') of our Electricity Distribution Licence, and subject to paragraph 9 of that condition, our charges will recover the amount of payments in Regulatory Year t-2 made in response to Last Resort Supply Payment claims. In accordance with Charge Restriction Condition 2B 'Calculation of Allowed Pass-Through Items' ('CRC2B'), specifically paragraph 35 of that condition, other relevant adjustments may also be included.

### **Excess Supplier of Last Resort**

9.2. In accordance with paragraph 9 of SLC38B, we may amend previously published charges as a result of Last Resort Supply Payment claims which breach the Materiality Threshold.

9.3. In such instance, we will include the fixed charge adder to recover these costs separately to the charges calculated in accordance with paragraph 9.1. The Excess Supplier of Last Resort fixed adder therefore represents an increase to previously published charges only.

### **Eligible Bad Debt**

9.4. In accordance with CRC2B, specifically paragraph 39 of that condition, our charges will recover the amount of use of system bad debt the Authority has consented to be recovered. This includes use of system bad debt our charges are recovering on behalf of Independent Distribution Network Operators (IDNOs), in accordance with Standard Licence Condition 38C 'Treatment of Valid Bad Debt Claims' ('SLC38C'), and specifically paragraph 4 of that condition, plus any amounts being returned by us, including on behalf of IDNOs.

### **Tables of Fixed Adders**

9.5. Tables listing the charges to recover Supplier of Last Resort and Eligible Bad Debt pass-through costs are published in Annex 7 to this document.

## Appendix 1 - Glossary

1.1. The following definitions, which can extend to grammatical variations and cognate expressions, are included to aid understanding:

Term	Definition
All-the-way Charge	A charge that is applicable to an end user rather than an LDNO. An end user in this context is a Supplier/User who has a registered MPAN or MSID and is using the Distribution System to transport energy on behalf of a Customer.
Balancing and Settlement Code (BSC)	The BSC contains the governance arrangements for electricity balancing and settlement in Great Britain. An overview document is available from <a href="http://www.elexon.co.uk/ELEXON/Documents/trading_arrangements.pdf">www.elexon.co.uk/ELEXON/Documents/trading_arrangements.pdf</a> .
Balancing and Settlement Code Procedure (BSCP)	A document of that title, as established or adopted and from time to time modified by the Panel in accordance with The Code, setting out procedures to be complied with (by Parties, Party Agents, BSC Agents, BSCCo, the Panel and others) in, and other matters relating to, the implementation of The Code;
Common Distribution Charging Methodology (CDCM)	The CDCM used for calculating charges to Designated Properties as required by standard licence condition 13A of the Electricity Distribution Licence.
Connection Agreement	An agreement between an LDNO and a Customer which provides that that Customer has the right for its connected installation to be and remain directly or indirectly connected to that LDNO's Distribution System
Central Volume Allocation (CVA)	As defined in the BSC.
Customer	A person to whom a User proposes to supply, or for the time being supplies, electricity through an exit point, or from whom, a User or any relevant exempt supplier, is entitled to recover charges, compensation or an account of profits in respect of electricity supplied through an exit point;  Or  A person from whom a User purchases, or proposes to purchase, electricity, at an entry point (who may from time to time be supplied with electricity as a Customer of that User (or another electricity supplier) through an exit point).
Designated EHV Properties	As defined in standard condition 13B of the Electricity Distribution Licence.
Designated Properties	As defined in standard condition 13A of the Electricity Distribution Licence.



Term	Definition																																																																																	
Distribution Connection and Use of System Agreement (DCUSA)	<p>The DCUSA is a multi-party contract between the licensed electricity distributors, suppliers, generators and Offshore Transmission Owners of Great Britain.</p> <p>It is a requirement that all licensed electricity distributors and suppliers become parties to the DCUSA.</p>																																																																																	
Distributor IDs	<p>These are unique IDs that can be used, with reference to the MPAN, to identify your LDNO. The charges for other network operators can be found on their website.</p> <table border="1" data-bbox="608 524 1342 2033"> <thead> <tr> <th data-bbox="608 524 679 586">ID</th> <th data-bbox="679 524 1007 586">Distribution Service Area</th> <th data-bbox="1007 524 1342 586">Company</th> </tr> </thead> <tbody> <tr><td>10</td><td>East of England</td><td>UK Power Networks</td></tr> <tr><td>11</td><td>East Midlands</td><td>Western Power Distribution</td></tr> <tr><td>12</td><td>London</td><td>UK Power Networks</td></tr> <tr><td>13</td><td>Merseyside and North Wales</td><td>Scottish Power</td></tr> <tr><td>14</td><td>Midlands</td><td>Western Power Distribution</td></tr> <tr><td>15</td><td>Northern</td><td>Northern Powergrid</td></tr> <tr><td>16</td><td>North Western</td><td>Electricity North West</td></tr> <tr><td>17</td><td>Scottish Hydro Electric (and embedded networks in other areas)</td><td>Scottish Hydro Electric Power Distribution plc</td></tr> <tr><td>18</td><td>South Scotland</td><td>Scottish Power</td></tr> <tr><td>19</td><td>South East England</td><td>UK Power Networks</td></tr> <tr><td>20</td><td>Southern Electric (and embedded networks in other areas)</td><td>Southern Electric Power Distribution plc</td></tr> <tr><td>21</td><td>South Wales</td><td>Western Power Distribution</td></tr> <tr><td>22</td><td>South Western</td><td>Western Power Distribution</td></tr> <tr><td>23</td><td>Yorkshire</td><td>Northern Powergrid</td></tr> <tr><td>24</td><td>All</td><td>Independent Power Networks</td></tr> <tr><td>25</td><td>All</td><td>ESP Electricity</td></tr> <tr><td>26</td><td>All</td><td>Energetics Electricity Ltd</td></tr> <tr><td>27</td><td>All</td><td>The Electricity Network Company Ltd</td></tr> <tr><td>29</td><td>All</td><td>Harlaxton Energy Networks</td></tr> <tr><td>30</td><td>All</td><td>Peel Electricity Networks Ltd</td></tr> <tr><td>31</td><td>All</td><td>UK Power Distribution Ltd</td></tr> <tr><td>32</td><td>All</td><td>Energy Assets Networks Limited</td></tr> <tr><td>33</td><td>All</td><td>Eclipse Power Networks Ltd</td></tr> <tr><td>34</td><td>All</td><td>Murphy Power Distribution Ltd</td></tr> <tr><td>35</td><td>All</td><td>Fulcrum Electricity Assets Ltd</td></tr> <tr><td>36</td><td>All</td><td>Vattenfall Networks Ltd</td></tr> </tbody> </table>	ID	Distribution Service Area	Company	10	East of England	UK Power Networks	11	East Midlands	Western Power Distribution	12	London	UK Power Networks	13	Merseyside and North Wales	Scottish Power	14	Midlands	Western Power Distribution	15	Northern	Northern Powergrid	16	North Western	Electricity North West	17	Scottish Hydro Electric (and embedded networks in other areas)	Scottish Hydro Electric Power Distribution plc	18	South Scotland	Scottish Power	19	South East England	UK Power Networks	20	Southern Electric (and embedded networks in other areas)	Southern Electric Power Distribution plc	21	South Wales	Western Power Distribution	22	South Western	Western Power Distribution	23	Yorkshire	Northern Powergrid	24	All	Independent Power Networks	25	All	ESP Electricity	26	All	Energetics Electricity Ltd	27	All	The Electricity Network Company Ltd	29	All	Harlaxton Energy Networks	30	All	Peel Electricity Networks Ltd	31	All	UK Power Distribution Ltd	32	All	Energy Assets Networks Limited	33	All	Eclipse Power Networks Ltd	34	All	Murphy Power Distribution Ltd	35	All	Fulcrum Electricity Assets Ltd	36	All	Vattenfall Networks Ltd
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<b>Term</b>	<b>Definition</b>
Distribution Network Operator (DNO)	An electricity distributor that operates one of the 14 distribution services areas and in whose Electricity Distribution Licence the requirements of Section B of the standard conditions of that licence have effect.
Distribution Services Area	The area specified by the Gas and Electricity Markets Authority within which each DNO must provide specified distribution services.
Distribution System	<p>The system consisting (wholly or mainly) of electric lines owned or operated by an authorised distributor that is used for the distribution of electricity from:</p> <ul style="list-style-type: none"> <li>• Grid Supply Points or generation sets or other entry points</li> </ul> <p>to the points of delivery to:</p> <ul style="list-style-type: none"> <li>• Customers or Users or any transmission licensee in its capacity as operator of that licensee's transmission system or the Great Britain (GB) transmission system and includes any remote transmission assets (owned by a transmission licensee within England and Wales) that are operated by that authorised distributor and any electrical plant, electricity meters, and metering equipment owned or operated by it in connection with the distribution of electricity, but does not include any part of the GB transmission system.</li> </ul>
EHV Distribution Charging Methodology (EDCM)	The EDCM used for calculating charges to Designated EHV Properties as required by standard licence condition 13B of the Electricity Distribution Licence.
Electricity Distribution Licence	The Electricity Distribution Licence granted or treated as granted pursuant to section 6(1) of the Electricity Act 1989.
Electricity Distributor	Any person who is authorised by an Electricity Distribution Licence to distribute electricity.
Embedded Network	An electricity Distribution System operated by an LDNO and embedded within another Distribution System.
Engineering Recommendation P2/6	A document of the Energy Networks Association, which defines planning standards for security of supply and is referred to in Standard Licence Condition 24 of our Electricity Distribution Licence.
Entry Point	A boundary point at which electricity is exported onto a Distribution System from a connected installation or from another Distribution System, not forming part of the total system (boundary point and total system having the meaning given to those terms in the BSC).
Exit Point	A point of connection at which a supply of electricity may flow from the Distribution System to the Customer's installation or User's installation or the Distribution System of another person.
Extra High Voltage (EHV)	Nominal voltages of 22kV and above.

Term	Definition
Gas and Electricity Markets Authority (GEMA)	As established by the Utilities Act 2000.
Grid Supply Point (GSP)	A metered connection between the National Grid Electricity Transmission system and the licensee's distribution system at which electricity flows to or from the Distribution System.
GSP group	A distinct electrical system that is supplied from one or more GSPs for which total supply into the GSP group can be determined for each half hour.
High Voltage (HV)	Nominal voltages of at least 1kV and less than 22kV.
Invalid Settlement Combination	A Settlement combination that is not recognised as a valid combination in market domain data - see <a href="https://www.elexonportal.co.uk/MDDVIEWER">https://www.elexonportal.co.uk/MDDVIEWER</a> .
kVA	Kilovolt ampere.
kVArh	Kilovolt ampere reactive hour.
kW	Kilowatt.
kWh	Kilowatt hour (equivalent to one "unit" of electricity).
Licensed Distribution Network Operator (LDNO)	The holder of a Licence to distribute electricity.
Line Loss Factor (LLF)	The factor that is used in Settlement to adjust the metering system volumes to take account of losses on the distribution system.
Line Loss Factor Class (LLFC)	An identifier assigned to an SVA metering system which is used to assign the LLF and use of system charges.
Load Factor	$= \frac{\text{annual consumption (kWh)}}{\text{maximum demand (kW)} \times \text{hours in year}}$
Low Voltage (LV)	Nominal voltages below 1kV.
Market Domain Data (MDD)	MDD is a central repository of reference data available to all Users involved in Settlement. It is essential to the operation of SVA trading arrangements.
Maximum Export Capacity (MEC)	The MEC of apparent power expressed in kVA that has been agreed can flow through the entry point to the Distribution System from the Customer's installation as specified in the connection agreement.
Maximum Import Capacity (MIC)	The MIC of apparent power expressed in kVA that has been agreed can flow through the exit point from the Distribution System to the Customer's installation as specified in the connection agreement.

Term	Definition
Measurement Class	<p>A classification of Metering Systems used in the BSC which indicates how consumption is measured, i.e.:</p> <ul style="list-style-type: none"> <li>• Measurement Class A – non-half hourly metering equipment;</li> <li>• Measurement Class B – non-half hourly unmetered supplies;</li> <li>• Measurement Class C – half hourly metering equipment at or above 100kW premises;</li> <li>• Measurement Class D – half hourly unmetered supplies;</li> <li>• Measurement Class E – half hourly metering equipment below 100kW premises with CT;</li> <li>• Measurement Class F – half hourly metering equipment at below 100kW premises with CT or whole current, and at domestic premises; and</li> <li>• Measurement Class G – half hourly metering equipment at below 100kW premises with whole current and not at domestic premises.</li> </ul>
Meter Timeswitch Code (MTC)	<p>MTCs are three digit codes allowing suppliers to identify the metering installed in Customers' premises. They indicate whether the meter is single or multi-rate, pre-payment or credit, or whether it is 'related' to another meter. Further information can be found in MDD.</p>
Metering Point	<p>The point at which electricity that is exported to or imported from the licensee's Distribution System is measured, is deemed to be measured, or is intended to be measured and which is registered pursuant to the provisions of the MRA. For the purposes of this statement, GSPs are not 'Metering Points'.</p>
Metering Point Administration Number (MPAN)	<p>A number relating to a Metering Point under the MRA.</p>
Metering System	<p>Particular commissioned metering equipment installed for the purposes of measuring the quantities of exports and/or imports at the exit point or entry point.</p>
Metering System Identifier (MSID)	<p>MSID is a term used throughout the BSC and its subsidiary documents and has the same meaning as MPAN as used under the MRA.</p>
Master Registration Agreement (MRA)	<p>The Master Registration Agreement (MRA) provides a governance mechanism to manage the processes established between electricity suppliers and distribution companies to enable electricity suppliers to transfer customers. It includes terms for the provision of Metering Point Administration Services (MPAS) Registrations.</p>
Nested Networks	<p>This refers to a situation where there is more than one level of Embedded Network and therefore nested Distribution Systems between LDNOs (e.g. host DNO→primary nested DNO→ secondary nested DNO→customer).</p>
Ofgem	<p>Office of Gas and Electricity Markets – Ofgem is governed by GEMA and is responsible for the regulation of the distribution companies.</p>

<b>Term</b>	<b>Definition</b>
Profile Class (PC)	A categorisation applied to NHH MPANs and used in settlement to group customers with similar consumption patterns to enable the calculation of consumption profiles.
Settlement	The determination and settlement of amounts payable in respect of charges (including reconciling charges) in accordance with the BSC.
Settlement Class (SC)	The combination of Profile Class, Line Loss Factor Class, Time Pattern Regime and Standard Settlement Configuration, by Supplier within a GSP group and used for Settlement.
Standard Settlement Configuration (SSC)	A standard metering configuration relating to a specific combination of Time Pattern Regimes.
Supercustomer	The method of billing Users for use of system on an aggregated basis, grouping together consumption and standing charges for all similar NHH metered Customers or aggregated HH metered Customers.
Supercustomer DUoS Report	A report of profiled data by Settlement Class providing counts of MPANs and units consumed.
Supplier	An organisation with a supply licence responsible for electricity supplied to and/or exported from a metering point.
Supplier Volume Allocation (SVA)	As defined in the BSC.
Time Pattern Regime (TPR)	The pattern of switching behaviour through time that one or more meter registers follow.
Unmetered Supplies	Exit points deemed to be suitable as unmetered supplies as permitted in the Electricity (Unmetered Supply) Regulations 2001 and where operated in accordance with BSC procedure 520 <sup>9</sup> .
Use of System Charges	Charges which are applicable to those parties which use the Distribution System.
User	Someone that has a use of system agreement with the DNO e.g. a supplier, generator or other LDNO.

<sup>9</sup> Balancing and Settlement Code Procedures are available from <http://www.elexon.co.uk/pages/bscps.aspx>

## Appendix 2 - Guidance notes<sup>10</sup>

### Background

- 1.1. The electricity bill from your Supplier contains an element of charge to cover electricity distribution costs. This distribution charge covers the cost of operating and maintaining a safe and reliable Distribution System that forms the 'wires' that transport electricity between the national transmission system and end users such as homes and businesses. Our Distribution System includes overhead lines, underground cables, as well as substations and transformers.
- 1.2. In most cases, your Supplier is invoiced for the distribution charge and this is normally part of your total bill. In some cases, for example business users, the Supplier may pass through the distribution charge as an identifiable line item on the electricity bill.
- 1.3. Where electricity is generated at a premises your Supplier may receive a credit for energy that is exported on to the Distribution System. These credits are intended to reflect that the exported generation may reduce the need for traditional demand led reinforcement of the Distribution System.
- 1.4. Understanding your distribution charges could help you reduce your costs and increase your credits. This is achieved by understanding the components of the charge to help you identify whether there may be opportunities to change the way you use the Distribution System.

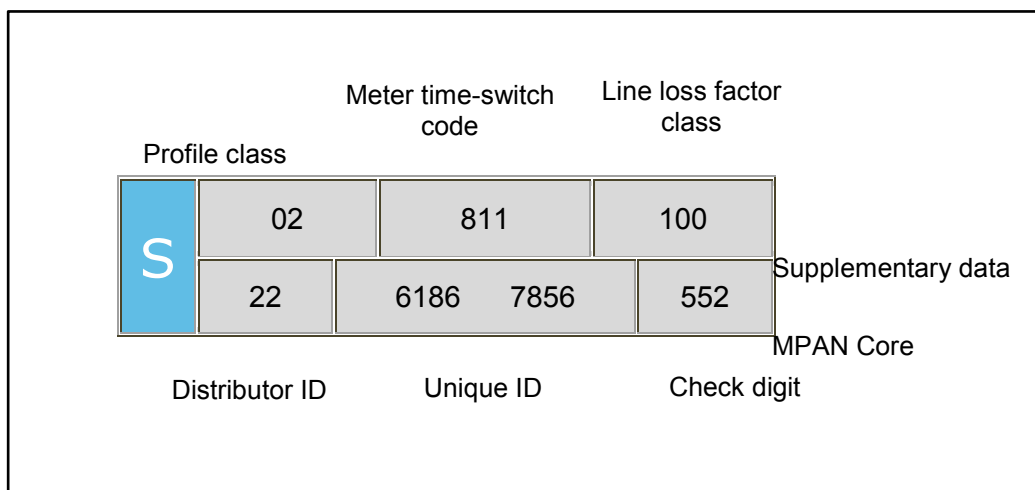
### Meter point administration

- 1.5. We are responsible for managing the electricity supply points that are connected to our Distribution System. Typically, every supply point is identified by a Meter Point Administration Number (MPAN). A few supply points may have more than one MPAN depending on the metering configuration (e.g. a school which may have an MPAN for the main supply and an MPAN for catering).
- 1.6. The full MPAN is a 21 digit number, preceded by an 'S' and includes supplementary data. The MPAN applicable to a supply point is found on the electricity bill from your Supplier. This number enables you to establish who your electricity distributor is, details of the characteristics of the supply and importantly the distribution charges that are applicable to your premises.
- 1.7. The 21-digit number is normally presented in two sections as shown in the following diagram. The top section is supplementary data which gives information about the characteristics of supply, while the bottom 'core' is the unique identifier.

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<sup>10</sup> These guidance notes are provided for additional information and do not form part of the application of charges.

## Full MPAN diagram



- 1.8. Generally, you will only need to know the Distributor ID and LLFC to identify the distribution charges for your premises. However, there are some premises where charges are specific to that site. In these instances, the charges are identified by the MPAN core. Our Distributor ID is 22. Other Distributor IDs can be referenced in the glossary.
- 1.9. Additionally it can be useful to understand the profile class provided in the supplementary data. The profile class will be a number between 00 and 08. The following list provides details of the allocation of profile classes to types of customers:
- '01' – Domestic customers with unrestricted supply
  - '02' – Domestic customers with restricted load, for example off-peak heating
  - '03' – Non-domestic customers with unrestricted supply
  - '04' – Non-domestic customers with restricted load, for example off-peak heating
  - '05' – Non-domestic maximum demand customers with a Load Factor of less than 20%
  - '06' – Non-domestic maximum demand customers with a Load Factor between 20% and 30%
  - '07' – Non-domestic maximum demand customers with a Load Factor between 30% and 40%
  - '08' – Non-domestic maximum demand customers with a Load Factor over 40% or non-half hourly metered generation customers
  - '00' – Half-hourly metered, demand and generation customers
- 1.10. Unmetered Supplies will be allocated to profile class 01, 08 or 00 depending on the type of load or the measurement method of the load.

- 1.11. The allocation of the profile class will affect your charges. If you feel that you have been allocated the wrong profile class, please contact your Supplier as they are responsible for this.

### **Your charges**

- 1.12. All distribution charges that relate to our Distributor ID 22 are provided in this statement.
- 1.13. You can identify your charges by referencing your LLFC, from Annex 1. If the MPAN is for a Designated EHV Property, then the charges will be found in Annex 2. In a few instances, the charges may be contained in Annex 3 or Annex 6. When identifying charges in Annex 2, please note that some LLFCs have more than one charge. In this instance you will need to select the correct charge by cross referencing with the MPAN core provided in the table.
- 1.14. Once you have identified which charge structure applies to your MPAN then you will be able to calculate an estimate of your distribution charge using the calculator provided in the spreadsheet 'Schedule of charges and other tables' found in the sheet called 'Charge Calculator'. This spreadsheet can be downloaded from [www.westernpower.co.uk](http://www.westernpower.co.uk).

### **Reducing your charges**

- 1.15. The most effective way to reduce your energy charges is to reduce your consumption by switching off or using more energy efficient appliances. However, there are also other potential opportunities to reduce your distribution charges; for example, it may be beneficial to shift demand or generation to a better time period. Demand use is likely to be cheaper outside peak periods and generation credits more beneficial during peak periods, although the ability to directly benefit will be linked to the structure of your supply charges.
- 1.16. The calculator mentioned above provides the opportunity to establish a forecast of the change in distribution charges that could be achieved if you are able to change any of the consumption related inputs.

### **Reactive power and reactive power charges**

- 1.17. Reactive power is a separately charged component of connections that are half hourly metered. Reactive power charges are generally avoidable if 'best practice' design of the properties' electrical installation has been provided in order to maintain a power factor between 0.95 and unity at the Metering Point.
- 1.18. Reactive Power (kVArh) is the difference between working power (active power measured in kW) and total power consumed (apparent power measured in kVA). Essentially it is a measure of how efficiently electrical power is transported through an electrical installation or a Distribution System.



- 1.19. Power flowing with a power factor of unity results in the most efficient loading of the Distribution System. Power flowing with a power factor of less than 0.95 results in much higher losses in the Distribution System, a need to potentially provide higher capacity electrical equipment and consequently a higher bill for you the consumer. A comparatively small improvement in power factor can bring about a significant reduction in losses since losses are proportional to the square of the current.
- 1.20. Different types of electrical equipment require some 'reactive power' in addition to 'active power' in order to work effectively. Electric motors, transformers and fluorescent lighting, for example, may produce poor power factors due to the nature of their inductive load. However, if good design practice is applied then the poor power factor of appliances can be corrected as near as possible to source. Alternatively, poor power factor can be corrected centrally near to the meter.
- 1.21. There are many advantages that can be achieved by correcting poor power factor. These include: reduced energy bills through lower reactive charges, lower capacity charges and reduced power consumption and reduced voltage drop in long cable runs.

#### **Site-specific EDCM charges**

- 1.22. A site classified as a Designated EHV Property is subject to a locational-based charging methodology (referred to as EDCM) for higher voltage network users. Distributors use one of two approved approaches: Long Run Incremental Cost (LRIC) or Forward Cost Pricing (FCP); we use the LRIC. The EDCM will apply to Customers connected at EHV or connected at HV and metered at a HV Substation.
- 1.23. EDCM charges and credits are Site-specific, reflecting the degree to which the local and higher voltage networks have the capacity to serve more demand or generation without the need to upgrade the electricity infrastructure. The charges also reflect the networks specifically used to deliver the electricity to the site as well as the usage at the site. Generators with non-intermittent output and deemed to be providing beneficial support to our networks may qualify to receive credit.
- 1.24. The charges under the EDCM comprise of the following individual components:
  - a) **Fixed charge (pence/MPAN/day)** - This charge recovers operational costs associated with those connection assets that are provided for the 'sole' use of the customer. The value of these assets is used as a basis to derive the charge.
  - b) **Capacity charge (pence/kVA/day)** - This charge comprises the relevant LRIC component, the National Grid Electricity Transmission cost and other regulated costs.

Capacity charges are levied on the MIC, MEC, and any exceeded capacity. You may wish to review your MIC or MEC periodically to ensure it remains appropriate for your needs as you may be paying for more capacity than you require. If you wish to make changes contact us via the details in paragraph 1.12

The LRIC cost is locational and reflects our assessment of future network reinforcement necessary at the voltage of connection (local) and beyond at all higher voltages (remote) relevant to the customer's connection. This results in the allocation of higher costs in more capacity congested parts of the network reflecting the greater likelihood of future reinforcement in these areas, and the allocation of lower costs in less congested parts of the network. The local LRIC cost is included in the capacity charge.

Our regulated costs include direct and indirect operational costs and a residual amount to ensure recovery of our regulated allowed revenue. The capacity charge recovers these costs using the customer usage profile and the relevant assets being used to transport electricity between the source substation and customer's Metering Point.

c) **Super-red unit charge (pence/kWh)** - This charge recovers the remote LRIC component. The charge is positive for import and negative for export which means you can either reduce your charges by minimising consumption or increasing export at those times. The charge is applied to consumption during the Super-red time period as detailed in Annex 2.

- 1.25. Future charge rates may be affected by consumption during the Super-red period, therefore reducing consumption in the Super-red time period may be beneficial.
- 1.26. **Reactive Power** - The EDCM does not include a separate charge component for any reactive power flows (kVAr) for either demand or generation. However, the EDCM charges do reflect the effect on the network of the customer's power factor, for example unit charges can increase if your site power factor is poor (lower than 0.95). Improving your site's power factor will also reduce the maximum demand (kVA) for the same power consumed in kW thus providing scope to reduce your agreed capacity requirements.

**Annex 1 - Schedule of Charges for use of the Distribution System by LV and HV Designated Properties**
**Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final LV and HV charges**
**Time Bands for LV and HV Designated Properties**

Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday	17:00 - 19:00	07:30 to 17:00 19:00 to 21:30	00:00 to 07:30 21:30 to 24:00
Weekends		16:30 to 19:30	00:00 to 16:30 19:30 to 24:00
Notes	All the above times are in UK Clock time		

**Time Bands for Unmetered Properties**

	Black Time Band	Yellow Time Band	Green Time Band
Monday to Friday Nov to Feb (excluding 22nd Dec to 4th Jan inclusive)	17:00 to 19:00	07:30 to 17:00 19:00 to 21:30	00:00 to 07:30 21:30 to 24:00
Monday to Friday Mar to Oct (plus 22nd Dec to 4th Jan inclusive)		07:30 to 21:30	00:00 to 07:30 21:30 to 24:00
Weekends		16:30 to 19:30	00:00 to 16:30 19:30 to 24:00
Notes	All the above times are in UK Clock time		

Tariff name	Open LLFCs	PCs	Red/black unit charge p/kWh	Amber/yellow unit charge p/kWh	Green unit charge p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh	Closed LLFCs
Domestic Aggregated	10, 20, 30, 40, 202	1, 2 or 5-8	15.692	2.081	1.441	5.50				
Domestic Aggregated (related MPAN)	430	2	15.692	2.081	1.441					
Non-Domestic Aggregated	110, 210, 570, 540, 203, 510	3, 4 or 5-8	14.039	1.998	1.431	9.85				
Non-Domestic Aggregated (related MPAN)	251	4	14.039	1.998	1.431					
LV Site Specific	570	0	9.502	1.728	1.399	13.44	3.87	8.32	0.117	
LV Sub Site Specific	540	0	7.717	1.584	1.380	10.54	3.52	6.88	0.080	
HV Site Specific	510	0	6.084	1.484	1.368	95.30	2.95	6.74	0.054	
Unmetered Supplies	977, 980, 978, 979, 970	0, 1 or 8	31.732	3.310	2.365					
LV Generation Aggregated	581	0	-8.427	-0.427	-0.051	0.00				
LV Sub Generation Aggregated	551	0	-7.668	-0.365	-0.043	0.00				
LV Generation Site Specific	581, 527	0	-8.427	-0.427	-0.051	0.00			0.130	
LV Generation Site Specific no RP charge	91, 92	0	-8.427	-0.427	-0.051	0.00				
LV Sub Generation Site Specific	551, 526	0	-7.668	-0.365	-0.043	0.00			0.105	
LV Sub Generation Site Specific no RP charge	93, 94	0	-7.668	-0.365	-0.043	0.00				
HV Generation Site Specific	521, 524	0	-5.206	-0.169	-0.018	59.49			0.080	
HV Generation Site Specific no RP charge	95, 96	0	-5.206	-0.169	-0.018	59.49				

Annex 2 - Schedule of Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final EDCM charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band
Monday to Friday Nov to Feb (excluding 22nd Dec to 4th Jan inclusive)	17:00 - 19:00
Notes	All the above times are in UK Clock time

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
198	198	2200042805690	963	963	2200042805715	Rolls Royce TT	0.978	131.14	1.46	1.46				
204	204	2200042689299				Ashwater Auxillary Supply	1.592	2.67	1.20	1.20				
250	250	2200042755073	529	529	2200042755082	Otterham Wind Farm Phase 3 (STOR)	0.006	45.14	1.28	1.28	-0.006	694.21	0.05	0.05
262	262	2200042291210	373	373	2200042291229	Till House	0.013	11.23	1.56	1.56		904.00	0.05	0.05
263	263	2200042297550	374	374	2200042297587	Outlands Wood	0.767	3.44	1.61	1.61		481.09	0.05	0.05
264	264	2200042305476	375	375	2200042305485	Culmhead		3.22	2.89	2.89		923.24	0.05	0.05
265	265	2200042308031	376	376	2200042308040	Whitchurch Farm PV	4.359	0.99	4.50	4.50		494.90	0.05	0.05
266	266	2200042312872	377	377	2200042312881	Kingsland Barton	0.720	5.84	2.43	2.43		613.04	0.05	0.05
267	267	2200042314986	378	378	2200042314995	Mendip Solar PV Farm	4.397	1.91	3.02	3.02		486.01	0.05	0.05
268	268	2200042315730	379	379	2200042315749	St Stephen PV	0.857	4.31	1.91	1.91		1013.63	0.05	0.05
269	269	2200042315776	380	380	2200042315785	Trewidland farm PV	1.420	5.14	2.40	2.40		856.95	0.05	0.05
270	270	2200042316751	381	381	2200042316789	Watchfield Lawn	0.711	5.90	2.01	2.01		533.50	0.05	0.05
271	271	2200042382620	382	382	2200042382639	Gover Park	10.198	5.51	1.77	1.77		854.01	0.05	0.05
272	272	2200042323128	383	383	2200042323137	North Wayton	0.819	10.42	1.69	1.69		772.02	0.05	0.05
273	273	2200042324450	384	384	2200042324460	Week Farm	0.441	19.56	2.57	2.57		1239.52	0.05	0.05
274	274	2200042326040	385	385	2200042326059	Cullompton	4.057	15.22	2.79	2.79		1035.39	0.05	0.05
275	275	2200042329078	386	386	2200042329087	Dinder Farm	4.562	6.99	2.19	2.19		471.20	0.05	0.05
277	277	2200042329050	388	388	2200042329069	Pitts Farm	4.561	12.68	2.00	2.00		608.86	0.05	0.05
278	278	2200042333678	389	389	2200042333687	Kerriers	0.770	20.54	3.00	3.00		3352.52	0.05	0.05
279	279	2200042333701	390	390	2200042333710	Emesettle Lane	0.510	7.85	1.49	1.49	-0.669	785.13	0.05	0.05
281	281	2200042340220	392	392	2200042340230	Goonhilly Solar Park	2.069	11.66	2.13	2.13		461.80	0.05	0.05
282	282	2200042348665	393	393	2200042348674	Nanteague	0.875	14.19	2.12	2.12		1625.89	0.05	0.05
283	283	2200042340745	394	394	2200042340824	Bidwell Dartington PV	1.230	3.21	2.89	2.89		641.92	0.05	0.05
284	284	2200042343212	395	395	2200042343221	New Row Farm	4.585	8.22	2.66	2.66		640.87	0.05	0.05
285	285	2200042354205	396	396	2200042354214	Woodland Barton Windfarm	0.965	36.68	1.15	1.15		2787.62	0.05	0.05
286	286	2200042387497	397	397	2200042387502	Four Burrows 2	0.892	8.15	2.09	2.09		978.49	0.05	0.05
287	287	2200042398211	398	398	2200042398220	Redlands Farm	0.867	5.74	2.50	2.50		1010.42	0.05	0.05
288	288	2200042400882	399	399	2200042400891	Tengore Lane PV	0.768	6.24	3.11	3.11		740.82	0.05	0.05
289	289	2200042400864	400	400	2200042400873	Liverton Farm	0.554	5.16	1.96	1.96	-0.904	471.29	0.05	0.05
290	290	2200042407860	401	401	2200042407879	Yonder Parks Farm	2.037	8.79	3.22	3.22		1043.72	0.05	0.05
291	291	2200042410310	402	402	2200042410339	Somerton Door	0.848	5.12	3.40	3.40		507.71	0.05	0.05
292	292	2200042414858	403	403	2200042414867	Carditch Drove	10.329	2.73	2.04	2.04		471.73	0.05	0.05
293	293	2200042417798	404	404	2200042417803	Capelands Farm	0.721	1.92	2.47	2.47		480.52	0.05	0.05
294	294	2200042418791	405	405	2200042418807	East Youlstone WF	1.813	59.69	1.41	1.41		2387.60	0.05	0.05
295	295	2200042437359	406	406	2200042437368	Francis Court Farm	1.066	5.38	2.33	2.33		609.35	0.05	0.05
296	296	2200042443316	407	407	2200042443325	Northwood	0.764	1.38	4.17	4.17		791.22	0.05	0.05
297	297	2200042443352	408	408	2200042443361	Tricky Warren		6.67	1.63	1.63		520.61	0.05	0.05
298	298	2200042447000	409	409	2200042447019	Iwood Lane	10.261	1.68	4.08	4.08		538.06	0.05	0.05
299	299	2200042446984	410	410	2200042446993	Rydon Farm	5.009	16.26	2.69	2.69		2235.71	0.05	0.05
300	300	2200042446966	411	411	2200042446975	Balls Wood	3.691	10.45	2.88	2.88		2042.83	0.05	0.05
301	301	2200042457480	412	412	2200042457499	Ashlawn Farm	10.813	11.12	3.54	3.54		1107.50	0.05	0.05
302	302	2200042457903	413	413	2200042457912	Pencoose Farm	1.952	7.12	2.05	2.05		939.77	0.05	0.05
303	303	2200042457986	414	414	2200042457995	Hawkers Farm	0.982	18.23	1.95	1.95		474.83	0.05	0.05
304	304	2200042459557	415	415	2200042459566	Hurcott	0.406	1.88	2.76	2.76		493.48	0.05	0.05
305	305	2200042461290	416	416	2200042461306	Garvinack	0.886	20.28	1.66	1.66		935.01	0.05	0.05
306	306	2200042462179	417	417	2200042462188	New Barton	0.820	35.04	2.79	2.79		4447.56	0.05	0.05
307	307	2200042465160	418	418	2200042465170	Coombeshead Farm	1.265	1.39	2.89	2.89		533.03	0.05	0.05
308	308	2200042465189	419	419	2200042465198	Walland Farm	0.441	11.11	2.44	2.44		476.80	0.05	0.05
309	309	2200042467594	420	420	2200042467600	Ashcombe	5.186	10.59	2.11	2.11		644.27	0.05	0.05
310	310	2200042469875	421	421	2200042469883	Newnham Farm	3.705	32.62	1.67	1.67		2922.57	0.05	0.05
311	311	2200042473463	422	422	2200042473472	Roskrow Barton PV	1.980	5.69	4.00	4.00		840.54	0.05	0.05

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.



Annex 2 - Schedule of Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
620	620	2200030348790	723	723	2200042334139 2200042334148	DML - Central	1.695	1602.74	0.92	0.92	-1.717	2074.26	0.05	0.05
623	623	2200042602289	748	748	2200042602298	Denbrook WF	0.534	28.22	1.00	1.00		2882.71	0.05	0.05
624	624	2200041804437	747	747	2200041804446	Hayle Wave Hub	12.270	11.10	1.20	1.20	-12.967	666.27	0.05	0.05
625	625	2200031995530	741	741	2200032024222	Marsh Barton	0.002	6.40	1.57	1.57				
626	626	2200040571113	752	752	2200040571122	Connon Bridge	1.394	15.27	1.42	1.42	-1.115	334.77	0.05	0.05
627	627	2200040979020	753	753	2200040979039	Chelson	2.105	16.51	1.07	1.07	-2.405	495.33	0.05	0.05
628	628	2200041957685	754	754	2200041253506	Darracott	0.750	29.59	2.14	2.14		538.90	0.05	0.05
629	629	2200040164245	764	764	2200040164254	Bears Down	0.186	1.89	1.32	1.32				
632	632	2200040473921	757	757	2200040473940	St Day	2.251	31.94	1.28	1.28	-0.971	276.80	0.05	0.05
633	633	2200041499771	758	758	2200041499762	Shooters Bottom	4.389	11.50	1.42	1.42		657.18	0.05	0.05
634	634	2200041625596	760	760	2200041625587	Heathfield	5.136	22.81	1.83	1.83	-6.978	456.14	0.05	0.05
635	635	2200041845860	761	761	2200041845850	Goonhilly	2.069	8.12	1.99	1.99		649.24	0.05	0.05
636	636	2200041786674	762	762	2200041786683	Delabole	0.798	14.56	2.12	2.12		1339.74	0.05	0.05
637	637	2200041930489	763	763	2200041930498	Fullbrook		366.47	1.53	1.53		31825.59	0.05	0.05
639	639	2200042142094	724	724	2200042142410	Luxulyan(Trenoweth Farm)	0.971	3.23	4.24	4.24		931.53	0.05	0.05
642	642	2200042142439	725	725	2200042142457	Woodland Barton PV 33kV Gen	0.932	9.96	1.80	1.80		995.70	0.05	0.05
643	643	2200041978773	726	726	2200041978782	Manor PV Farm 33kV	0.956	4.41	2.33	2.33		612.90	0.05	0.05
644	644	2200041978852	727	727	2200041978861	Churchtown Farm PV 33kV	10.297	245.63	1.37	1.37	-10.297	380.57	0.05	0.05
645	645	2200041978791	728	728	2200041978807	Trenouth PV 33kV	0.188	15.18	1.76	1.76		1214.01	0.05	0.05
647	647	2200041979874	732	732	2200041979883	Howton Farm PV 33kV	0.972	4.36	3.13	3.13		622.34	0.05	0.05
649	649	2200042682406	734	734	2200042682424	Newton Downs Farm	3.771	48.97	1.44	1.44		869.17	0.05	0.05
650	650	2200030346906 2200030346998				BAE Systems (ROF)	1.127	637.41	1.58	1.58				
652	652	2200041978728	735	735	2200041978737	East Langford PV 33kV	1.842	4.37	2.50	2.50		624.81	0.05	0.05
653	653	2200042194279	736	736	2200042194288	NINNIS PV 33kV Gen	0.959	7.46	1.80	1.80		739.61	0.05	0.05
654	654	2200042208824	737	737	2200042208833	Willsland PV 33kV Gen	1.439	4.72	2.48	2.48		623.66	0.05	0.05
655	655	2200042141151	738	738	2200042141160	Eastcombe PV 33kV Gen	1.645	6.26	2.32	2.32		799.33	0.05	0.05
656	656	2200042172879	739	739	2200042172888	Bratton Flemming PV	0.720	4.97	1.92	1.92		497.36	0.05	0.05
657	657	2200042196736	740	740	2200042196745	Beaford Brook PV	0.782	3.22	5.42	5.42		643.96	0.05	0.05
658	658	2200042206604	742	742	2200042206613	Park Wall PV	0.654	3.10	2.53	2.53		619.61	0.05	0.05
659	659	2200042198501	743	743	2200042198520	Bradford Solar Park	1.757	21.13	1.73	1.73		2113.01	0.05	0.05
662	662	2200041982938	744	744	2200041982947	Causilgey PV 33kV Gen	0.892	2.89	3.09	3.09		519.92	0.05	0.05
663	663	2200042042966	745	745	2200042042975	Beechgrove Farm PV 33kV	0.393	1.93	3.34	3.34		620.20	0.05	0.05
664	664	2200041857484	772	772	2200031825680	Isles of Scilly	17.524	22.97	1.63	1.63				
665	665	2200042019345	666	666	2200042019354	BLACKDITCH 33kV	0.685	0.54	4.33	4.33		462.46	0.05	0.05
669	669	2200030348718	806	806	2200041310085	Avonmouth Docks Boundary	0.470	1415.90	1.71	1.71				
673	673	2200042534070	586	586	2200042534080	CERC St Dennis		2514.24	1.36	1.36		10996.75	0.05	0.05
674	674	2200042538720	587	587	2200042538749	Sevenside Energy Recovery Centre		959.65	0.67	0.67		9842.58	0.05	0.05
675	675	2200042787377	588	588	2200042787386	Old Green Wind Farm & Battery		229.07	1.21	1.21		707.62	0.05	0.05
690	690	2200030348620				Norbora	0.748	546.12	6.02	6.02				
692	692	2200030349084 2200032161977				SWW Tamar	1.355	2415.93	3.68	3.68				
694	694	2200030349075 2200032161930	693	693	2200031824213	SWW Roadford	1.422	661.43	5.72	5.72	-2.549	264.57	0.05	0.05
695	695	2200030348319 2200030348328				ST Regis	1.405	2275.27	0.99	0.99				
696	696	2200030347928				Tarmac	9.539	687.25	5.08	5.08				
697	697	2200030348026 2200030348035				Abbeywood	0.851	262.29	2.79	2.79				
698	698	2200030347101 2200032161995				HewlettPackard	1.514	262.29	4.31	4.31				
699	699	2200030354118				Blagdon	11.225	131.14	4.09	4.09				
700	700	2200031997477 2200031997529				Bristol Airport	12.277	262.29	10.67	10.67				
701	701	2200031846059	808	808	2200031824747	BGasHallen	2.510	915.68	1.51	1.51				
702	702	2200030349260	807	807	2200041310094	Portbury Dock	2.941	724.74	2.38	2.38		193.27	0.05	0.05
703	703	2200030348470	795	795	2200042430770	Whatley Quarry	7.170	65.57	3.11	3.11	-8.108	65.57	0.05	0.05
704	704	2200030349093 2200040240630				FalmouthDocks	3.584	262.29	4.16	4.16				
705	705	2200040661200 2200040661219				AstraZeneca		5320.73	1.45	1.45				

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.







**Annex 2 - Schedule of Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).**

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
New Import 24	New Import 24	New Import 24	New Export 24	New Export 24	New Export 24	Otterham WF Extension	0.006	0.64	1.43	1.43	-0.006	32.24	0.05	0.05
New Import 25	New Import 25	New Import 25	New Export 25	New Export 25	New Export 25	Lower Litchardon PV	0.017	8.83	1.75	1.75		927.85	0.05	0.05
New Import 26	New Import 26	New Import 26	New Export 26	New Export 26	New Export 26	Feeder Road STOR	0.969	310.54	1.10	1.10	-1.085	326.88	0.05	0.05
New Import 27	New Import 27	New Import 27	New Export 27	New Export 27	New Export 27	Aller Langport PV	0.711	6.71	2.48	2.48		456.29	0.05	0.05
New Import 28	New Import 28	New Import 28	New Export 28	New Export 28	New Export 28	Huish PV	0.017	487.88	0.32	0.32	-0.047	1244.33	0.05	0.05
New Import 29	New Import 29	New Import 29	New Export 29	New Export 29	New Export 29	Trenoweth Farm		8.81	4.57	4.57		927.87	0.05	0.05
New Import 30	New Import 30	New Import 30	New Export 30	New Export 30	New Export 30	Teign View Power Plant	5.094	6.69	2.00	2.00	-6.548	483.95	0.05	0.05
New Import 31	New Import 31	New Import 31				Langford	9.106	1489.66	3.97	3.97				
New Import 32	New Import 32	New Import 32	New Export 32	New Export 32	New Export 32	West Holcombe PV	4.052	26.86	2.55	2.55		1107.56	0.05	0.05

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Annex 2a - Schedule of Import Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

**Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final EDCM import charges**

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)
198	198	2200042805690	Rolls Royce TT	0.978	131.14	1.46	1.46
204	204	2200042689299	Ashwater Auxillary Supply	1.592	2.67	1.20	1.20
250	250	2200042755073	Otterham Wind Farm Phase 3 (STOR)	0.006	45.14	1.28	1.28
262	262	2200042291210	Till House	0.013	11.23	1.56	1.56
263	263	2200042297550	Outlands Wood	0.767	3.44	1.61	1.61
264	264	2200042305476	Culmhead		3.22	2.89	2.89
265	265	2200042308031	Whitchurch Farm PV	4.359	0.99	4.50	4.50
266	266	2200042312872	Kingsland Barton	0.720	5.84	2.43	2.43
267	267	2200042314986	Mendip Solar PV Farm	4.397	1.91	3.02	3.02
268	268	2200042315730	St Stephen PV	0.857	4.31	1.91	1.91
269	269	2200042315776	Trewidland farm PV	1.420	5.14	2.40	2.40
270	270	2200042316751	Watchfield Lawn	0.711	5.90	2.01	2.01
271	271	2200042382620	Gover Park	10.198	5.51	1.77	1.77
272	272	2200042323128	North Wayton	0.819	10.42	1.69	1.69
273	273	2200042324450	Week Farm	0.441	19.56	2.57	2.57
274	274	2200042326040	Cullompton	4.057	15.22	2.79	2.79
275	275	2200042329078	Dinder Farm	4.562	6.99	2.19	2.19
277	277	2200042329050	Pitts Farm	4.561	12.68	2.00	2.00
278	278	2200042333678	Kerriers	0.770	20.54	3.00	3.00
279	279	2200042333701	Ernesettle Lane	0.510	7.85	1.49	1.49
281	281	2200042340220	Goonhilly Solar Park	2.069	11.66	2.13	2.13
282	282	2200042348665	Nanteague	0.875	14.19	2.12	2.12
283	283	2200042340745	Bidwell Dartington PV	1.230	3.21	2.89	2.89
284	284	2200042343212	New Row Farm	4.585	8.22	2.66	2.66
285	285	2200042354205	Woodland Barton Windfarm	0.965	36.68	1.15	1.15
286	286	2200042387497	Four Burrows 2	0.892	8.15	2.09	2.09
287	287	2200042398211	Redlands Farm	0.867	5.74	2.50	2.50
288	288	2200042400882	Tengore Lane PV	0.768	6.24	3.11	3.11
289	289	2200042400864	Liverton Farm	0.554	5.16	1.96	1.96
290	290	2200042407860	Yonder Parks Farm	2.037	8.79	3.22	3.22
291	291	2200042410310	Somerton Door	0.848	5.12	3.40	3.40
292	292	2200042414858	Carditch Drove	10.329	2.73	2.04	2.04
293	293	2200042417798	Capelands Farm	0.721	1.92	2.47	2.47
294	294	2200042418791	East Youlstone WF	1.813	59.69	1.41	1.41
295	295	2200042437359	Francis Court Farm	1.066	5.38	2.33	2.33
296	296	2200042443316	Northwood	0.764	1.38	4.17	4.17
297	297	2200042443352	Tricky Warren		6.67	1.63	1.63

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298	298	2200042447000	Iwood Lane	10.261	1.68	4.08	4.08
299	299	2200042446984	Rydon Farm	5.009	16.26	2.69	2.69
300	300	2200042446966	Balls Wood	3.691	10.45	2.88	2.88
301	301	2200042457480	Ashlawn Farm	10.813	11.12	3.54	3.54
302	302	2200042457903	Pencoose Farm	1.952	7.12	2.05	2.05
303	303	2200042457986	Hawkers Farm	0.982	18.23	1.95	1.95
304	304	2200042459557	Hurcott	0.406	1.88	2.76	2.76
305	305	2200042461290	Garvinack	0.886	20.28	1.66	1.66
306	306	2200042462179	New Barton	0.820	35.04	2.79	2.79
307	307	2200042465160	Coombeshead Farm	1.265	1.39	2.89	2.89
308	308	2200042465189	Walland Farm	0.441	11.11	2.44	2.44
309	309	2200042467594	Ashcombe	5.186	10.59	2.11	2.11
310	310	2200042469875	Newnham Farm	3.705	32.62	1.67	1.67
311	311	2200042473463	Roskrow Barton PV	1.980	5.69	4.00	4.00
312	312	2200042473445	Parkview Solar	1.242	5.38	1.98	1.98
313	313	2200042475169	Towerhead Farm	10.411	7.67	2.27	2.27
314	314	2200042475196	Rookery Farm	10.401	4.63	1.90	1.90
315	315	2200042475415	Bystock Farm	0.554	119.21	1.16	1.16
316	316	2200042475433	Pylle PV Import Boundary	4.622	3.74	2.98	2.98
317	317	2200042475823	Burthy PV	1.224	1.93	3.71	3.71
318	318	2200042480610	Wilton Farm PV	1.399	17.33	2.09	2.09
319	319	2200042484873	Woodmanton (Coombe) Farm	0.556	8.84	2.02	2.02
320	320	2200042484846	Higher Bye Farm	1.415	6.34	1.78	1.78
321	321	2200042530730	Wilton Farm WF	1.399	64.06	1.10	1.10
322	322	2200042533411	Denzell Downs WF	0.184	47.80	1.19	1.19
323	323	2200042541583	Puriton Landfill PV_1 Rainbow	0.677	3.14	1.47	1.47
324	324	2200042557281	Portworthy Dams PV_1	3.786	11.06	1.83	1.83
325	325	2200042616556	Wick Farm Boundary Import	1.270	4.58	1.58	1.58
327	327	2200042552600	Batsworthy WF	0.725	40.66	1.85	1.85
328	328	2200042557306	Portworthy Dams PV_2	3.786	11.06	1.74	1.74
329	329	2200042563211	Crewkerne PV shared Imports	0.425	14.55	2.92	2.92
331	331	2200042569134	Tonedale Farm PV		101.86	1.14	1.14
332	332	2200042541644	Puriton Landfill PV_2 SSB	0.677	3.14	1.47	1.47
333	333	2200042582446	Red Hill Farm		9.05	1.70	1.70
334	334	2200042574222	Chelwood	4.374	10.64	1.78	1.78
335	335	2200042592913	West Carclaze1	0.984	5.10	2.11	2.11
336	336	2200042592931	West Carclaze2	0.984	2.55	1.88	1.88
337	337	2200042495680	Northmoor (embd) PV		3.29	1.68	1.68
338	338	2200042540687	Nmoor Little Tinney WF		1.64	1.24	1.24
339	339	2200042540696	Nmoor East Balsdon WF		1.64	1.23	1.23

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340	340	2200042598135	Nmoor Hornacott PV		3.29	1.58	1.58
341	341	2200042601346	Oakham Farm	0.060	8.51	1.73	1.73
342	342	2200042603237	Carnemough Farm	1.138	8.14	1.68	1.68
343	343	2200042689252	Ashwater WT Site 1	1.592	2.67	1.12	1.12
344	344	2200042614104	Makro Exeter	3.223	35.14	1.25	1.25
345	345	2200042620162	Great Houndbeare 2	0.185	27.32	2.06	2.06
346	346	2200042620205	Withy Drove	0.721	37.81	1.96	1.96
348	348	2200042620250	Fitzwarren (Montys) Farm		3.04	2.57	2.57
350	350	2200042622035	Dunsland Cross WF	1.602	8.43	1.37	1.37
351	351	2200042626944	Trerule Farm	1.365	12.32	1.54	1.54
352	352	2200042627140	Nancrossa	1.942	1.95	2.28	2.28
353	353	2200042637885	Wick Farm West	1.270	6.60	1.56	1.56
354	354	2200042655528	(LWeston ntw) Severn Community	0.270	346.53	0.98	0.98
356	356	2200042679592	Tamerton Bridge STOR	0.510	7.66	1.26	1.26
357	357	2200042689270	Ashwater PV Site 2	1.592	8.66	1.24	1.24
358	358	2200042722608	Bodwen	0.966	9.59	1.21	1.21
359	359	2200042729774	Sharland Farm PV	3.889	22.10	2.91	2.91
360	360	2200042733460	Stoneshill Farm	3.988	14.01	2.01	2.01
361	361	2200042733850	Nmoor Parsonage Wood PV		3.29	1.39	1.39
362	362	2200042738705	Axe View Way PV	0.406	6.50	1.65	1.65
363	363	2200042742491	Place Barton Farm	1.271	8.85	2.01	2.01
364	364	2200042742516	Old Stone Farm	2.046	6.23	2.86	2.86
367	367	2200042784482	Lockleaze Battery Storage	0.763	323.45	1.00	1.00
600	600	2200032010850	Imerys1(Blackpool)	1.467	107.18	1.71	1.71
603	603	2200042461315	Otterham WT Feeder1	0.006	1.61	1.22	1.22
604	604	2200042501410	Otterham WT Feeder2	0.006	1.61	1.23	1.23
607	607	2200042141133	Wyld Meadow	0.393	7.75	2.01	2.01
608	608	2200042141259	Prince Rock	2.103	2.56	1.20	1.20
612	612	2200032168607	Bradon Farm	0.755	43.13	1.45	1.45
613	613	2200040848888	Carland Cross	1.065	2.53	1.51	1.51
614	614	2200030511311	Cold Northcott	0.823	13.40	3.99	3.99
615	615	2200040863404	Forestmoor 1	1.856	17.20	1.39	1.39
616	616	2200040863431	Forestmoor 2	1.856	31.53	1.39	1.39
617	617	2200030109831	Four Burrows	0.902	17.45	1.61	1.61
618	618	2200042384194	Canworthy PV		5.68	2.23	2.23
619	619	2200030112133	St Breock	0.776	9.63	1.67	1.67
620	620	2200030348790	DML - Central	1.695	1,602.74	0.92	0.92
623	623	2200042602289	Denbrook WF	0.534	28.22	1.00	1.00
624	624	2200041804437	Hayle Wave Hub	12.270	11.10	1.20	1.20
625	625	2200031995530	Marsh Barton	0.002	6.40	1.57	1.57

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Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)
626	626	2200040571113	Connon Bridge	1.394	15.27	1.42	1.42
627	627	2200040979020	Chelson	2.105	16.51	1.07	1.07
628	628	2200041957685	Darracott	0.750	29.59	2.14	2.14
629	629	2200040164245	Bears Down	0.186	1.89	1.32	1.32
632	632	2200040473921	St Day	2.251	31.94	1.28	1.28
633	633	2200041499771	Shooters Bottom	4.389	11.50	1.42	1.42
634	634	2200041625596	Heathfield	5.136	22.81	1.83	1.83
635	635	2200041845860	Goonhilly	2.069	8.12	1.99	1.99
636	636	2200041786674	Delabole	0.798	14.56	2.12	2.12
637	637	2200041930489	Fullabrook		366.47	1.53	1.53
639	639	2200042142094	Luxulyan(Trenoweth Farm)	0.971	3.23	4.24	4.24
642	642	2200042142439	Woodland Barton PV 33kV Gen	0.932	9.96	1.80	1.80
643	643	2200041978773	Manor PV Farm 33kV	0.956	4.41	2.33	2.33
644	644	2200041978852	Churchtown Farm PV 33kV	10.297	245.63	1.37	1.37
645	645	2200041978791	Trenouth PV 33kV	0.188	15.18	1.76	1.76
647	647	2200041979874	Howton Farm PV 33kV	0.972	4.36	3.13	3.13
649	649	2200042682406	Newton Downs Farm	3.771	48.97	1.44	1.44
650	650	2200030346906 2200030346998	BAE Systems (ROF)	1.127	637.41	1.58	1.58
652	652	2200041978728	East Langford PV 33kV	1.842	4.37	2.50	2.50
653	653	2200042194279	NINNIS PV 33kV Gen	0.959	7.46	1.80	1.80
654	654	2200042208824	Willsland PV 33kV Gen	1.439	4.72	2.48	2.48
655	655	2200042141151	Eastcombe PV 33kV Gen	1.645	6.26	2.32	2.32
656	656	2200042172879	Bratton Flemming PV	0.720	4.97	1.92	1.92
657	657	2200042196736	Beaford Brook PV	0.782	3.22	5.42	5.42
658	658	2200042206604	Park Wall PV	0.654	3.10	2.53	2.53
659	659	2200042198501	Bradford Solar Park	1.757	21.13	1.73	1.73
662	662	2200041982938	Causilgey PV 33kV Gen	0.892	2.89	3.09	3.09
663	663	2200042042966	Beechgrove Farm PV 33kV	0.393	1.93	3.34	3.34
664	664	2200041857484	Isles of Scilly	17.524	22.97	1.63	1.63
665	665	2200042019345	BLACKDITCH 33kV	0.685	0.54	4.33	4.33
669	669	2200030348718	Avonmouth Docks Boundary	0.470	1,415.90	1.71	1.71
673	673	2200042534070	CERC St Dennis		2,514.24	1.36	1.36
674	674	2200042538720	Sevenside Energy Recovery Centre		959.65	0.67	0.67
675	675	2200042787377	Old Green Wind Farm & Battery		229.07	1.21	1.21
690	690	2200030348620	Norbora	0.748	546.12	6.02	6.02
692	692	2200030349084 2200032161977	SWW Tamar	1.355	2,415.93	3.68	3.68
694	694	2200030349075 2200032161930	SWW Roadford	1.422	661.43	5.72	5.72

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695	695	2200030348319 2200030348328	ST Regis	1.405	2,275.27	0.99	0.99
696	696	2200030347928	Tarmac	9.539	687.25	5.08	5.08
697	697	2200030348026 2200030348035	Abbeywood	0.851	262.29	2.79	2.79
698	698	2200030347101 2200032161995	HewlettPackard	1.514	262.29	4.31	4.31
699	699	2200030354118	Blagdon	11.225	131.14	4.09	4.09
700	700	2200031997477 2200031997529	BristolAirport	12.277	262.29	10.67	10.67
701	701	2200031846059	BGasHallen	2.510	915.68	1.51	1.51
702	702	2200030349260	Portbury Dock	2.941	724.74	2.38	2.38
703	703	2200030348470	Whatley Quarry	7.170	65.57	3.11	3.11
704	704	2200030349093 2200040240630	FalmouthDocks	3.584	262.29	4.16	4.16
705	705	2200040661200 2200040661219	AstraZeneca		5,320.73	1.45	1.45
706	706	2200040468930 2200042670943	DairyCrestDavidstow	7.469	2,604.29	6.22	6.22
707	707	2200041209970	Hemyock (Broadpath LF)	5.971	6.24	1.30	1.30
708	708	2200030348373	Imerys(Torycombe)	6.024	142.88	3.23	3.23
709	709	2200030346710 2200032196710	Royal United Hospital	8.172	148.53	1.43	1.43
713	713	2200042194640	Avonmouth BCC WF 33kV Gen		18.28	1.04	1.04
714	714	2200042108127	Bodiniel PV Park 33kV Gen	0.767	3.53	2.79	2.79
715	715	2200042385453	Garlenick WF 33kV	0.880	65.90	1.16	1.16
716	716	2200042165037	Warleigh Barton PV 33kV Gen	0.511	5.45	1.64	1.64
717	717	2200042171449	Winnards Perch PV 33kV Gen	0.185	12.91	1.69	1.69
718	718	2200042356276	Galsworthy WF	0.025	91.83	1.62	1.62
720	720	2200030348986 2200032178340 2200032178368 2200032178377 2200041226558 2200041226567	Airbus UK Ltd	1.799	524.58	2.40	2.40
750	750	2200032138124	RR Power Development		896.42	2.01	2.01
759	759	2200041527904	Langage	4.111	648.88	1.70	1.70
797	797	2200030348452	Imerys5(Drinnick)	1.227	150.27	2.78	2.78
798	798	2200030348382	Imerys4(Bugle)	1.353	283.55	2.24	2.24
799	799	2200032010879	Imerys3(Trebal)	1.103	637.97	1.28	1.28

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800	800	2200030348666	Imerys6(Par)	1.190	85.74	1.33	1.33
805	805	2200030349242	DML - North	1.707	7,259.06	0.94	0.94
810	810	2200042163484	Marley Thatch PV	1.255	3.62	2.46	2.46
811	811	2200041648681 2200041648690 2200042093766	Bristol Royal Infirmary	1.312	454.91	3.11	3.11
812	812	2200042276123 2200042276132 2200042276141	Bristol University	1.312	786.86	4.12	4.12
815	815	2200042163410	Burrowton Farm PV	0.013	3.88	1.90	1.90
816	816	2200042165055	Callington Solar	1.261	4.72	2.58	2.58
817	817	2200042165073	Hope Solar	10.307	7.45	1.50	1.50
818	818	2200042172043	NES Kingsweston Lane	0.270	125.49	0.95	0.95
820	820	2200042169714	Slade Farm PV	2.070	5.02	3.14	3.14
821	821	2200042171183	Rew Farm PV	0.933	4.15	2.72	2.72
822	822	2200042171208	Higher Trenhayle PV	12.502	5.15	2.52	2.52
823	823	2200042171244	Middle Treworder PV	0.773	1.05	4.72	4.72
824	824	2200042171616	Penhale Farm PV	0.776	11.50	2.22	2.22
825	825	2200042172512	Ayshford Court PV	3.984	1.59	3.13	3.13
826	826	2200042172920	West Hill PV	0.443	20.10	2.80	2.80
827	827	2200042172897	Knockworthy Farm PV	0.743	4.21	3.15	3.15
828	828	2200042218673 2200042218682	University of Bath	6.814	3,721.85	5.37	5.37
829	829	2200042174272	Trekenning Farm PV	0.840	17.88	1.87	1.87
830	830	2200042184369	Four Burrows PV	0.909	3.41	2.46	2.46
833	833	2200042191756	Halse Farm PV		1.26	3.16	3.16
834	834	2200042192750	Hatchlands Farm PV	1.246	13.20	1.67	1.67
835	835	2200042193879	Higher Trevartha PV	1.390	11.64	2.43	2.43
837	837	2200042194047	Ford Farm PV	1.362	6.40	2.19	2.19
839	839	2200042345993	Trequite	1.386	2.62	3.41	3.41
841	841	2200042193735	Higher Tregarne PV	1.969	24.16	1.68	1.68
842	842	2200042195592	Higher North Beer PV	1.906	0.70	4.11	4.11
843	843	2200042196781	Horsacott PV	0.432	1.68	3.07	3.07
844	844	2200042201252	Langunnett PV	1.471	13.32	2.05	2.05
845	845	2200042201270	Trefinnick Farm PV	1.272	15.48	2.95	2.95
846	846	2200042202939	Little Trevease Farm PV	1.945	6.89	1.97	1.97
847	847	2200042432625	Marksbury	4.378	7.69	2.02	2.02
848	848	2200042202975	Cobbs Cross	0.660	3.18	2.43	2.43
849	849	2200042204652	Newlands Farm	0.396	3.37	2.76	2.76
850	850	2200042206580	CRICKET ST THOMAS	0.404	21.61	1.51	1.51

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.

**Annex 2a** - Schedule of Import Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)
851	851	2200042206622	Parsonage Barn	0.406	16.58	1.63	1.63
852	852	2200042208806	Hewas PV	0.844	8.91	1.95	1.95
853	853	2200042208842	CRINACOTT PV	1.757	11.10	1.30	1.30
854	854	2200042214711	Penare Farm	0.875	10.58	1.64	1.64
855	855	2200042214730	Aller Court	0.708	21.20	1.54	1.54
857	857	2200042214943	Stonebarrow	0.393	6.20	1.97	1.97
858	858	2200042215088	Whitley Farm	0.894	8.57	2.41	2.41
859	859	2200042215246	New Rendy Farm		7.55	1.57	1.57
860	860	2200042216843	Tregassow	0.684	5.17	3.35	3.35
861	861	2200042218405	Pitworthy	1.756	16.51	3.96	3.96
862	862	2200042224250	Foxcombe PV	1.644	3.10	2.57	2.57
863	863	2200042224278	Rexon Cross PV Farm	1.369	4.50	2.72	2.72
864	864	2200042242880	Hazard Farm PV	1.242	4.65	2.61	2.61
865	865	2200042244673	Luscott Barton	0.436	9.82	3.80	3.80
866	866	2200042254120	Grange Farm PV		8.04	1.76	1.76
867	867	2200042352174	Derriton Fields	1.756	13.02	2.46	2.46
868	868	2200042278478	Cleave Farm	0.441	20.62	2.82	2.82
869	869	2200042342032	Woolavington	0.718	7.51	2.07	2.07
870	870	2200042342060	Trehawke Farm	1.399	14.88	1.58	1.58
871	871	2200042278751	Higher Berechapel Farm	0.410	185.19	1.25	1.25
872	872	2200042278947	Bommertown		7.65	2.00	2.00
873	873	2200042349739	Carloggas Farm	0.873	32.97	1.24	1.24
876	876	2200042911983	Viridor EFW (Seabank)		98.21	0.91	0.91
877	877	2200042911929	Alders Way STOR	1.942	27.35	1.12	1.12
878	878	2200042911965	Rockingham STOR	0.264	663.03	1.08	1.08
879	879	2200042965279	Fideoak Battery		334.82	1.00	1.00
880	880	2200042990994	Hele Manor STOR		10.52	1.26	1.26
881	881	2200043091209	Marlands Field	3.768	19.37	2.09	2.09
961	961	2200030348090	Sims Avonmouth	0.470		2.23	2.23
962	962	2200030348105	Flour Mills Avonmouth	0.470		1.98	1.98
7158	7158	7158	Huntworth	0.652	3.83	1.38	1.38
7293	7293	7293	Alveston Hammerly Down			0.91	0.91
7317	7317	7317	Barton Hill STOR CVA	0.671	19.67	1.00	1.00
7319	7319	7319	Water Lane B	3.255	9.24	1.60	1.60
7341	7341	7341	Cattedown STOR CVA	2.102	9.67	1.09	1.09
New Import 1	New Import 1	New Import 1	Appletree Farm	5.244	8.56	2.61	2.61
New Import 2	New Import 2	New Import 2	Tale Lane Solar		17.21	2.44	2.44
New Import 3	New Import 3	New Import 3	Trendeal Solar Park	0.180	5.48	1.59	1.59
New Import 4	New Import 4	New Import 4	Ventonteague Wind Turbine	1.031	5.09	1.46	1.46
New Import 5	New Import 5	New Import 5	Warne Road	1.254	21.00	1.84	1.84

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**Annex 2a** - Schedule of Import Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)
New Import 6	New Import 6	New Import 6	Woodbury STOR	0.005	15.04	1.45	1.45
New Import 7	New Import 7	New Import 7	Wyndham Estate PV	1.411	1.60	1.67	1.67
New Import 8	New Import 8	New Import 8	Clyst St Lawrence Energy Storage		7.80	1.69	1.69
New Import 9	New Import 9	New Import 9	Coleford	4.340	12.17	1.88	1.88
New Import 10	New Import 10	New Import 10	Cornwall Bio Park	10.138	64.29	1.30	1.30
New Import 11	New Import 11	New Import 11	Fire Station Lane	0.268	12.79	1.31	1.31
New Import 12	New Import 12	New Import 12	Hallen 33kV Battery		680.32	1.05	1.05
New Import 13	New Import 13	New Import 13	Lodge Farm	4.321	5.69	2.09	2.09
New Import 14	New Import 14	New Import 14	Lower Bedminster CHP	0.855	93.58	2.31	2.31
New Import 15	New Import 15	New Import 15	Lufton		34.64	1.26	1.26
New Import 16	New Import 16	New Import 16	Severn Road		216.88	1.65	1.65
New Import 17	New Import 17	New Import 17	Tregeen AD(OTHM1)	0.006	3.22	1.45	1.45
New Import 19	New Import 19	New Import 19	Two Post Cross	0.648	51.52	1.72	1.72
New Import 20	New Import 20	New Import 20	Ottery St Mary PV	0.183	16.51	2.32	2.32
New Import 21	New Import 21	New Import 21	Gammaton Moor PV		8.81	1.74	1.74
New Import 22	New Import 22	New Import 22	NIRO PV (Rockebeare)	1.073	16.29	2.23	2.23
New Import 23	New Import 23	New Import 23	Cold Northcott Alternate	0.006	11.56	1.27	1.27
New Import 24	New Import 24	New Import 24	Otterham WF Extension	0.006	0.64	1.43	1.43
New Import 25	New Import 25	New Import 25	Lower Litchardon PV	0.017	8.83	1.75	1.75
New Import 26	New Import 26	New Import 26	Feeder Road STOR	0.969	310.54	1.10	1.10
New Import 27	New Import 27	New Import 27	Aller Langport PV	0.711	6.71	2.48	2.48
New Import 28	New Import 28	New Import 28	Huish PV	0.017	487.88	0.32	0.32
New Import 29	New Import 29	New Import 29	Trenoweth Farm		8.81	4.57	4.57
New Import 30	New Import 30	New Import 30	Teign View Power Plant	5.094	6.69	2.00	2.00
New Import 31	New Import 31	New Import 31	Langford	9.106	1,489.66	3.97	3.97
New Import 32	New Import 32	New Import 32	West Holcombe PV	4.052	26.86	2.55	2.55

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.

Annex 2b - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final EDCM export charges

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
963	963	2200042805715	Rolls Royce TT				
529	529	2200042755082	Otterham Wind Farm Phase 3 (STOR)	-0.006	694.21	0.05	0.05
373	373	2200042291229	Till House		904.00	0.05	0.05
374	374	2200042297587	Outlands Wood		481.09	0.05	0.05
375	375	2200042305485	Culmhead		923.24	0.05	0.05
376	376	2200042308040	Whitchurch Farm PV		494.90	0.05	0.05
377	377	2200042312881	Kingsland Barton		613.04	0.05	0.05
378	378	2200042314995	Mendip Solar PV Farm		486.01	0.05	0.05
379	379	2200042315749	St Stephen PV		1,013.63	0.05	0.05
380	380	2200042315785	Trewidland farm PV		856.95	0.05	0.05
381	381	2200042316789	Watchfield Lawn		533.50	0.05	0.05
382	382	2200042382639	Gover Park		854.01	0.05	0.05
383	383	2200042323137	North Wayton		772.02	0.05	0.05
384	384	2200042324460	Week Farm		1,239.52	0.05	0.05
385	385	2200042326059	Cullompton		1,035.39	0.05	0.05
386	386	2200042329087	Dinder Farm		471.20	0.05	0.05
388	388	2200042329069	Pitts Farm		608.86	0.05	0.05
389	389	2200042333687	Kerriers		3,352.52	0.05	0.05
390	390	2200042333710	Ernesettle Lane	-0.669	785.13	0.05	0.05
392	392	2200042340230	Goonhilly Solar Park		461.80	0.05	0.05
393	393	2200042348674	Nanteague		1,625.89	0.05	0.05
394	394	2200042340824	Bidwell Dartington PV		641.92	0.05	0.05
395	395	2200042343221	New Row Farm		640.87	0.05	0.05
396	396	2200042354214	Woodland Barton Windfarm		2,787.62	0.05	0.05
397	397	2200042387502	Four Burrows 2		978.49	0.05	0.05
398	398	2200042398220	Redlands Farm		1,010.42	0.05	0.05
399	399	2200042400891	Tengore Lane PV		740.82	0.05	0.05
400	400	2200042400873	Liverton Farm	-0.904	471.29	0.05	0.05
401	401	2200042407879	Yonder Parks Farm		1,043.72	0.05	0.05
402	402	2200042410339	Somerton Door		507.71	0.05	0.05
403	403	2200042414867	Carditch Drove		471.73	0.05	0.05
404	404	2200042417803	Capelands Farm		480.52	0.05	0.05
405	405	2200042418807	East Youlstone WF		2,387.60	0.05	0.05
406	406	2200042437368	Francis Court Farm		609.35	0.05	0.05
407	407	2200042443325	Northwood		791.22	0.05	0.05
408	408	2200042443361	Tricky Warren		520.61	0.05	0.05
409	409	2200042447019	Iwood Lane		538.06	0.05	0.05
410	410	2200042446993	Rydon Farm		2,235.71	0.05	0.05
411	411	2200042446975	Balls Wood		2,042.83	0.05	0.05

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**Annex 2b** - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
412	412	2200042457499	Ashlawn Farm		1,107.50	0.05	0.05
413	413	2200042457912	Pencoose Farm		939.77	0.05	0.05
414	414	2200042457995	Hawkers Farm		474.83	0.05	0.05
415	415	2200042459566	Hurcott		493.48	0.05	0.05
416	416	2200042461306	Garvinack		935.01	0.05	0.05
417	417	2200042462188	New Barton		4,447.56	0.05	0.05
418	418	2200042465170	Coombeshead Farm		533.03	0.05	0.05
419	419	2200042465198	Walland Farm		476.80	0.05	0.05
420	420	2200042467600	Ashcombe		644.27	0.05	0.05
421	421	2200042469893	Newnham Farm		2,922.57	0.05	0.05
422	422	2200042473472	Roskrow Barton PV		840.54	0.05	0.05
423	423	2200042473454	Parkview Solar		544.83	0.05	0.05
424	424	2200042475178	Towerhead Farm		997.03	0.05	0.05
425	425	2200042475201	Rookery Farm		624.53	0.05	0.05
426	426	2200042475424	Bystock Farm		1,198.94	0.05	0.05
428	428	2200042475832	Burthy PV		644.37	0.05	0.05
429	429	2200042480656	Wilton Farm PV		1,620.26	0.05	0.05
431	431	2200042484882	Woodmanton (Coombe) Farm		1,052.27	0.05	0.05
432	432	2200042484855	Higher Bye Farm		738.35	0.05	0.05
433	433	2200042530740	Wilton Farm WF		640.63	0.05	0.05
434	434	2200042533420	Denzell Downs WF		3,354.14	0.05	0.05
435	435	2200042541635	Puriton Landfill PV_1 Rainbow		392.24	0.05	0.05
436	436	2200042557290	Portworthy Dams PV_1		553.16	0.05	0.05
439	439	2200042552646	Batsworthy WF		7,319.62	0.05	0.05
440	440	2200042557315	Portworthy Dams PV_2		497.84	0.05	0.05
443	443	2200042569161	Tonedale Farm PV		935.46	0.05	0.05
444	444	2200042541653	Puriton Landfill PV_2 SSB		353.02	0.05	0.05
447	447	2200042582455	Red Hill Farm		714.09	0.05	0.05
446	446	2200042574231	Chelwood		915.42	0.05	0.05
448	448	2200042592922	West Carclaze1		795.32	0.05	0.05
449	449	2200042592940	West Carclaze2		397.66	0.05	0.05
450	450	2200042495670	Northmoor (embd) PV		313.52	0.05	0.05
451	451	2200042540678	Nmoor Little Tinney WF		33.58	0.05	0.05
452	452	2200042540710	Nmoor East Balsdon WF		33.58	0.05	0.05
453	453	2200042598144	Nmoor Hornacott PV		313.52	0.05	0.05
454	454	2200042601355	Oakham Farm		660.30	0.05	0.05
455	455	2200042603246	Carnemough Farm		1,356.19	0.05	0.05
456	456	2200042689261	Ashwater WT Site 1		66.63	0.05	0.05
457	457	2200042614113	Makro Exeter	-3.553	1,434.50	0.05	0.05
458	458	2200042620171	Great Houndbeare 2		1,137.31	0.05	0.05
459	459	2200042620214	Withy Drove		1,623.80	0.05	0.05
461	461	2200042620260	Fitzwarren (Montys) Farm		1,184.54	0.05	0.05

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**Annex 2b** - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
463	463	2200042622044	Dunsland Cross WF		454.57	0.05	0.05
464	464	2200042626953	Trerule Farm		868.99	0.05	0.05
465	465	2200042627159	Nancrossa		486.97	0.05	0.05
466	466	2200042637894	Wick Farm West		467.36	0.05	0.05
467	467	2200042655537	(LWeston ntw) Severn Community	-0.333	936.82	0.05	0.05
469	469	2200042679608	Tamerton Bridge STOR	-0.669	806.25	0.05	0.05
470	470	2200042689280	Ashwater PV Site 2		554.40	0.05	0.05
471	471	2200042722617	Bodwen		1,552.25	0.05	0.05
472	472	2200042729783	Sharland Farm PV		987.68	0.05	0.05
473	473	2200042733479	Stoneshill Farm		1,120.68	0.05	0.05
474	474	2200042733869	Nmoor Parsonage Wood PV		229.34	0.05	0.05
475	475	2200042738714	Axe View Way PV		525.11	0.05	0.05
476	476	2200042742507	Place Barton Farm		803.04	0.05	0.05
477	477	2200042742525	Old Stone Farm		554.09	0.05	0.05
480	480	2200042784491	Lockleaze Battery Storage	-0.909	340.46	0.05	0.05
601	601	2200031824542	Imerys1(Blackpool)				
785	785	2200042461324	Otterham WT Feeder1	-0.006	16.12	0.05	0.05
786	786	2200042501429	Otterham WT Feeder2	-0.006	116.08	0.05	0.05
789	789	2200042141142	Wylde Meadow		759.88	0.05	0.05
791	791	2200042141277	Prince Rock	-2.250	652.88	0.05	0.05
765	765	2200032168616	Bradon Farm	-1.589	1,365.03	0.05	0.05
766	766	2200031664357	Carland Cross	-2.137	460.47	0.05	0.05
767	767	2200031822971	Cold Northcott		482.30	0.05	0.05
768	768	2200040863399	Forestmoor 1				
769	769	2200040863422	Forestmoor 2				
770	770	2200031823558	Four Burrows		785.41	0.05	0.05
783	783	2200042384200	Canworthy PV		931.01	0.05	0.05
775	775	2200031823530	St Breock		298.21	0.05	0.05
723	723	2200042334139 2200042334148	DML - Central	-1.717	2,074.26	0.05	0.05
748	748	2200042602298	Denbrook WF		2,882.71	0.05	0.05
747	747	2200041804446	Hayle Wave Hub	-12.967	666.27	0.05	0.05
741	741	2200032024222	Marsh Barton				
752	752	2200040571122	Connon Bridge	-1.115	334.77	0.05	0.05
753	753	2200040979039	Chelson	-2.405	495.33	0.05	0.05
754	754	2200041253506	Darracott		538.90	0.05	0.05
764	764	2200040164254	Bears Down				
757	757	2200040473940	St Day	-0.971	276.80	0.05	0.05
758	758	2200041499762	Shooters Bottom		657.18	0.05	0.05
760	760	2200041625587	Heathfield	-6.978	456.14	0.05	0.05

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**Annex 2b** - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
761	761	2200041845850	Goonhilly		649.24	0.05	0.05
762	762	2200041786683	Delabole		1,339.74	0.05	0.05
763	763	2200041930498	Fullabrook		31,825.59	0.05	0.05
724	724	2200042142410	Luxulyan(Trenoweth Farm)		931.53	0.05	0.05
725	725	2200042142457	Woodland Barton PV 33kV Gen		995.70	0.05	0.05
726	726	2200041978782	Manor PV Farm 33kV		612.90	0.05	0.05
727	727	2200041978861	Churchtown Farm PV 33kV	-10.297	380.57	0.05	0.05
728	728	2200041978807	Trenouth PV 33kV		1,214.01	0.05	0.05
732	732	2200041979883	Howton Farm PV 33kV		622.34	0.05	0.05
734	734	2200042682424	Newton Downs Farm		869.17	0.05	0.05
735	735	2200041978737	East Langford PV 33kV		624.81	0.05	0.05
736	736	2200042194288	NINNIS PV 33kV Gen		739.61	0.05	0.05
737	737	2200042208833	Willsland PV 33kV Gen		623.66	0.05	0.05
738	738	2200042141160	Eastcombe PV 33kV Gen		799.33	0.05	0.05
739	739	2200042172888	Bratton Flemming PV		497.36	0.05	0.05
740	740	2200042196745	Beaford Brook PV		643.96	0.05	0.05
742	742	2200042206613	Park Wall PV		619.61	0.05	0.05
743	743	2200042198520	Bradford Solar Park		2,113.01	0.05	0.05
744	744	2200041982947	Causilgey PV 33kV Gen		519.92	0.05	0.05
745	745	2200042042975	Beechgrove Farm PV 33kV		620.20	0.05	0.05
772	772	2200031825680	Isles of Scilly				
666	666	2200042019354	BLACKDITCH 33kV		462.46	0.05	0.05
806	806	2200041310085	Avonmouth Docks Boundary				
586	586	2200042534080	CERC St Dennis		10,996.75	0.05	0.05
587	587	2200042538749	Sevenside Energy Recovery Centre		9,842.58	0.05	0.05
588	588	2200042787386	Old Green Wind Farm & Battery		707.62	0.05	0.05
693	693	2200031824213	SWW Roadford	-2.549	264.57	0.05	0.05
808	808	2200031824747	BGasHallen				
807	807	2200041310094	Portbury Dock		193.27	0.05	0.05
795	795	2200042430770	Whatley Quarry	-8.108	65.57	0.05	0.05
809	809	2200041209989	Hemyock (Broadpath LF)	-5.971	124.90	0.05	0.05
794	794	2200031824524	Imerys(Torycombe)	-6.174	119.41	0.05	0.05
722	722	2200041987314 2200041987323	Royal United Hospital	-8.193	113.76	0.05	0.05
776	776	2200042103449	Avonmouth BCC WF 33kV Gen		761.66	0.05	0.05
777	777	2200042108289	Bodiniel PV Park 33kV Gen		588.01	0.05	0.05
778	778	2200042385462	Garlenick WF 33kV		2,635.97	0.05	0.05
779	779	2200042165046	Warleigh Barton PV 33kV Gen		763.36	0.05	0.05
780	780	2200042171458	Winnards Perch PV 33kV Gen		753.13	0.05	0.05
781	781	2200042356285	Galsworthy WF		844.85	0.05	0.05

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.

**Annex 2b** - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
751	751	2200032050436	RR Power Development				
804	804	2200031824551	Imerys5(Drinnick)				
803	803	2200030347690	Imerys4(Bugle)	-1.710	241.02	0.05	0.05
801	801	2200031824738	Imerys3(Trebal)				
802	802	2200031824490	Imerys6(Par)				
733	733		DML - North				
790	790	2200042163493	Marley Thatch PV		615.07	0.05	0.05
793	793	2200042093720 2200042093739 2200042093757	Bristol Royal Infirmary	-1.971	331.96	0.05	0.05
792	792	2200042163457	Burrowton Farm PV		528.89	0.05	0.05
900	900	2200042165064	Callington Solar		495.22	0.05	0.05
901	901	2200042165082	Hope Solar		782.60	0.05	0.05
903	903	2200042172052	NES Kingsweston Lane	-0.275	501.96	0.05	0.05
905	905	2200042169723	Slade Farm PV		756.72	0.05	0.05
906	906	2200042171192	Rew Farm PV		714.33	0.05	0.05
907	907	2200042171226	Higher Trenhayle PV		617.93	0.05	0.05
908	908	2200042171253	Middle Treworder PV		511.71	0.05	0.05
909	909	2200042171625	Penhale Farm PV		690.04	0.05	0.05
910	910	2200042172521	Ayshford Court PV		481.84	0.05	0.05
911	911	2200042172930	West Hill PV		2,709.01	0.05	0.05
912	912	2200042172902	Knockworthy Farm PV		467.90	0.05	0.05
914	914	2200042174281	Trekenning Farm PV		2,132.83	0.05	0.05
915	915	2200042184378	Four Burrows PV		470.06	0.05	0.05
918	918	2200042191765	Halse Farm PV		471.44	0.05	0.05
919	919	2200042192769	Hatchlands Farm PV		733.07	0.05	0.05
920	920	2200042193888	Higher Trevartha PV		768.13	0.05	0.05
922	922	2200042194056	Ford Farm PV		479.68	0.05	0.05
924	924	2200042346000	Trequite		865.13	0.05	0.05
926	926	2200042193744	Higher Tregarne PV		1,035.59	0.05	0.05
927	927	2200042195608	Higher North Beer PV		490.05	0.05	0.05
928	928	2200042196790	Horsacott PV		477.76	0.05	0.05
929	929	2200042201261	Langunnett PV		1,261.67	0.05	0.05
930	930	2200042201280	Trefinnick Farm PV		1,290.23	0.05	0.05
931	931	2200042202948	Little Trevease Farm PV		661.31	0.05	0.05
932	932	2200042432634	Marksbury		613.78	0.05	0.05
933	933	2200042202984	Cobbs Cross		635.97	0.05	0.05
934	934	2200042204661	Newlands Farm		662.57	0.05	0.05
935	935	2200042206599	CRICKET ST THOMAS		648.43	0.05	0.05

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.

**Annex 2b** - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
936	936	2200042206631	Parsonage Barn		1,160.60	0.05	0.05
937	937	2200042208815	Hewas PV		890.66	0.05	0.05
938	938	2200042208851	CRINACOTT PV		973.81	0.05	0.05
939	939	2200042214720	Penare Farm		452.42	0.05	0.05
940	940	2200042214749	Aller Court		727.19	0.05	0.05
942	942	2200042214952	Stonebarrow		511.12	0.05	0.05
943	943	2200042215097	Whitley Farm		685.76	0.05	0.05
944	944	2200042215255	New Rendy Farm		616.15	0.05	0.05
945	945	2200042216852	Tregassow		1,291.26	0.05	0.05
946	946	2200042218414	Pitworthy		3,379.71	0.05	0.05
947	947	2200042224269	Foxcombe PV		620.10	0.05	0.05
948	948	2200042224287	Rexon Cross PV Farm		629.67	0.05	0.05
949	949	2200042242899	Hazard Farm PV		921.01	0.05	0.05
950	950	2200042244682	Luscott Barton		667.96	0.05	0.05
951	951	2200042254139	Grange Farm PV		804.48	0.05	0.05
952	952	2200042352183	Derriton Fields		2,065.60	0.05	0.05
953	953	2200042278487	Cleave Farm		1,641.72	0.05	0.05
954	954	2200042342041	Woolavington		876.06	0.05	0.05
955	955	2200042342079	Trehawke Farm		1,504.60	0.05	0.05
956	956	2200042278760	Higher Berechapel Farm	-1.140	578.73	0.05	0.05
957	957	2200042278956	Bommertown		520.19	0.05	0.05
958	958	2200042349748	Carloggas Farm		1,190.50	0.05	0.05
481	481	2200042911992	Viridor EFW (Seabank)		961.89	0.05	0.05
482	482	2200042911947	Alders Way STOR	-2.097	767.63	0.05	0.05
483	483	2200042911974	Rockingham STOR	-0.326	1,989.10	0.05	0.05
484	484	2200042965260	Fideoak Battery		352.43	0.05	0.05
485	485	2200042991000	Hele Manor STOR		452.48	0.05	0.05
486	486	2200043091403	Marlands Field		1,084.47	0.05	0.05
427	427	2200042573488	Pylle PV Site 1		373.65	0.05	0.05
445	445	2200042573502	Pylle PV Site 2		373.65	0.05	0.05
437	437	2200042542763	Wick Farm PV_1 Export		229.21	0.05	0.05
438	438	2200042542781	Wick Farm PV_2 Export		229.21	0.05	0.05
441	441	2200042563230	Crewkerne PV Site 1		605.74	0.05	0.05
442	442	2200042710611	Crewkerne PV Site 2		605.74	0.05	0.05
7158	7158	7158	Huntworth				
7318	7318	7318	Barton Hill STOR CVA	-0.713	456.29	0.05	0.05
7320	7320	7320	Water Lane B	-3.673	964.15	0.05	0.05
7342	7342	7342	Cattedown STOR CVA	-2.249	729.49	0.05	0.05
New Export 1	New Export 1	New Export 1	Appletree Farm		855.84	0.05	0.05
New Export 2	New Export 2	New Export 2	Tale Lane Solar		1,317.24	0.05	0.05
New Export 3	New Export 3	New Export 3	Trendeal Solar Park		2,632.05	0.05	0.05
New Export 4	New Export 4	New Export 4	Ventonteague Wind Turbine		513.20	0.05	0.05

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.

**Annex 2b** - Schedule of Export Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
New Export 5	New Export 5	New Export 5	Warne Road	-1.905	442.00	0.05	0.05
New Export 6	New Export 6	New Export 6	Woodbury STOR	-0.044	1,319.40	0.05	0.05
New Export 7	New Export 7	New Export 7	Wyndham Estate PV		1,338.56	0.05	0.05
New Export 8	New Export 8	New Export 8	Clyst St Lawrence Energy Storage		1,326.65	0.05	0.05
New Export 9	New Export 9	New Export 9	Coleford	-5.774	640.66	0.05	0.05
New Export 10	New Export 10	New Export 10	Cornwall Bio Park	-10.191	2,142.90	0.05	0.05
New Export 11	New Export 11	New Export 11	Fire Station Lane	-0.331	450.21	0.05	0.05
New Export 12	New Export 12	New Export 12	Hallen 33kV Battery		709.68	0.05	0.05
New Export 13	New Export 13	New Export 13	Lodge Farm		2,388.75	0.05	0.05
New Export 14	New Export 14	New Export 14	Lower Bedminster CHP	-1.399	369.42	0.05	0.05
New Export 15	New Export 15	New Export 15	Lufton		1,458.59	0.05	0.05
New Export 16	New Export 16	New Export 16	Severn Road		2,278.33	0.05	0.05
New Export 17	New Export 17	New Export 17	Tregeen AD(OTHM1)	-0.006	25.80	0.05	0.05
New Export 19	New Export 19	New Export 19	Two Post Cross	-0.701	446.83	0.05	0.05
New Export 20	New Export 20	New Export 20	Ottery St Mary PV		1,965.10	0.05	0.05
New Export 21	New Export 21	New Export 21	Gammaton Moor PV		927.87	0.05	0.05
New Export 22	New Export 22	New Export 22	NIRO PV (Rockebeare)		745.71	0.05	0.05
New Export 23	New Export 23	New Export 23	Cold Northcott Alternate		925.12	0.05	0.05
New Export 24	New Export 24	New Export 24	Otterham WF Extension	-0.006	32.24	0.05	0.05
New Export 25	New Export 25	New Export 25	Lower Litchardon PV		927.85	0.05	0.05
New Export 26	New Export 26	New Export 26	Feeder Road STOR	-1.085	326.88	0.05	0.05
New Export 27	New Export 27	New Export 27	Aller Langport PV		456.29	0.05	0.05
New Export 28	New Export 28	New Export 28	Huish PV	-0.047	1,244.33	0.05	0.05
New Export 29	New Export 29	New Export 29	Trenoweth Farm		927.87	0.05	0.05
New Export 30	New Export 30	New Export 30	Teign View Power Plant	-6.548	483.95	0.05	0.05
New Export 32	New Export 32	New Export 32	West Holcombe PV		1,107.56	0.05	0.05

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.



**Annex 3 - Schedule of Charges** for use of the Distribution System to Preserved/Additional LLFC Classes

Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final LV and HV tariffs									
Supercustomer preserved charges/additional LLFCs									
	Closed LLFCs	PCs	Red/black unit charge p/kWh	Amber/yellow unit charge p/kWh	Green unit charge p/kWh	Fixed charge p/MPAN/day			
Notes:									

Site Specific preserved charges/additional LLFCs									
	Closed LLFCs	PCs	Red/black unit charge p/kWh	Amber/yellow unit charge p/kWh	Green unit charge p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh
		0							
Notes:									

## Annex 4 - Charges applied to LDNOs with HV/LV end users

### Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final LDNO tariffs

Time Bands for LV and HV Designated Properties			
Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday	17:00 to 19:00	07:30 to 17:00 19:00 to 21:30	00:00 to 07:30 21:30 to 24:00
Weekends		16:30 to 19:30	00:00 to 16:30 19:30 to 24:00
Notes	All the above times are in UK Clock time		

Time Bands for Unmetered Properties			
	Black Time Band	Yellow Time Band	Green Time Band
Monday to Friday Nov to Feb (excluding 22nd Dec to 4th Jan inclusive)	17:00 to 19:00	07:30 to 17:00 19:00 to 21:30	00:00 to 07:30 21:30 to 24:00
Monday to Friday Mar to Oct (plus 22nd Dec to 4th Jan inclusive)		07:30 to 21:30	00:00 to 07:30 21:30 to 24:00
Weekends		16:30 to 19:30	00:00 to 16:30 19:30 to 24:00
Notes	All the above times are in UK Clock time		

Tariff name	Unique billing identifier	PCs	Red/black unit charge p/kWh	Amber/yellow unit charge p/kWh	Green unit charge p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVAh
LDNO LV: Domestic Aggregated	TBC	1, 2 or 5-8	9.722	1.289	0.893	3.50			
LDNO LV: Domestic Aggregated (related MPAN)	TBC	2	9.722	1.289	0.893				
LDNO LV: Non-Domestic Aggregated	TBC	3, 4 or 5-8	8.698	1.238	0.887	6.19			
LDNO LV: Non-Domestic Aggregated (related MPAN)	TBC	4	8.698	1.238	0.887				
LDNO LV: LV Site Specific	TBC	0	5.887	1.071	0.866	8.42	2.40	5.15	0.073
LDNO LV: Unmetered Supplies	TBC	0, 1 or 8	19.660	2.051	1.465				
LDNO LV: LV Generation Aggregated	TBC	0	-8.427	-0.427	-0.051	0.00			
LDNO LV: LV Generation Site Specific	TBC	0	-8.427	-0.427	-0.051	0.00			0.130
LDNO HV: Domestic Aggregated	TBC	1, 2 or 5-8	6.576	0.872	0.604	2.45			
LDNO HV: Domestic Aggregated (related MPAN)	TBC	2	6.576	0.872	0.604				
LDNO HV: Non-Domestic Aggregated	TBC	3, 4 or 5-8	5.884	0.837	0.600	4.27			
LDNO HV: Non-Domestic Aggregated (related MPAN)	TBC	4	5.884	0.837	0.600				
LDNO HV: LV Site Specific	TBC	0	3.982	0.724	0.586	5.78	1.62	3.49	0.049
LDNO HV: LV Sub Site Specific	TBC	0	5.322	1.093	0.952	7.35	2.43	4.74	0.055
LDNO HV: HV Site Specific	TBC	0	4.973	1.213	1.118	77.94	2.41	5.51	0.044
LDNO HV: Unmetered Supplies	TBC	0, 1 or 8	13.299	1.387	0.991				
LDNO HV: LV Generation Aggregated	TBC	0	-8.427	-0.427	-0.051	0.00			
LDNO HV: LV Sub Generation Aggregated	TBC	0	-7.668	-0.365	-0.043	0.00			
LDNO HV: LV Generation Site Specific	TBC	0	-8.427	-0.427	-0.051	0.00			0.130
LDNO HV: LV Sub Generation Site Specific	TBC	0	-7.668	-0.365	-0.043	0.00			0.105
LDNO HV: HV Generation Site Specific	TBC	0	-5.206	-0.169	-0.018	0.00			0.080
LDNO HVplus: Domestic Aggregated	TBC	1, 2 or 5-8	4.517	0.599	0.415	1.77			
LDNO HVplus: Domestic Aggregated (related MPAN)	TBC	2	4.517	0.599	0.415				
LDNO HVplus: Non-Domestic Aggregated	TBC	3, 4 or 5-8	4.041	0.575	0.412	3.01			
LDNO HVplus: Non-Domestic Aggregated (related MPAN)	TBC	4	4.041	0.575	0.412				
LDNO HVplus: LV Site Specific	TBC	0	2.735	0.497	0.403	4.05	1.12	2.40	0.034
LDNO HVplus: LV Sub Site Specific	TBC	0	3.608	0.741	0.645	5.06	1.65	3.21	0.037
LDNO HVplus: HV Site Specific	TBC	0	3.350	0.817	0.753	52.58	1.62	3.71	0.030
LDNO HVplus: Unmetered Supplies	TBC	0, 1 or 8	9.135	0.953	0.681				
LDNO HVplus: LV Generation Aggregated	TBC	0	-3.940	-0.200	-0.024	0.00			
LDNO HVplus: LV Sub Generation Aggregated	TBC	0	-4.222	-0.201	-0.024	0.00			
LDNO HVplus: LV Generation Site Specific	TBC	0	-3.940	-0.200	-0.024	0.00			0.061
LDNO HVplus: LV Sub Generation Site Specific	TBC	0	-4.222	-0.201	-0.024	0.00			0.058
LDNO HVplus: HV Generation Site Specific	TBC	0	-5.206	-0.169	-0.018	59.49			0.080
LDNO EHV: Domestic Aggregated	TBC	1, 2 or 5-8	3.512	0.466	0.323	1.43			
LDNO EHV: Domestic Aggregated (related MPAN)	TBC	2	3.512	0.466	0.323				
LDNO EHV: Non-Domestic Aggregated	TBC	3, 4 or 5-8	3.142	0.447	0.320	2.40			
LDNO EHV: Non-Domestic Aggregated (related MPAN)	TBC	4	3.142	0.447	0.320				
LDNO EHV: LV Site Specific	TBC	0	2.127	0.387	0.313	3.20	0.87	1.86	0.026
LDNO EHV: LV Sub Site Specific	TBC	0	2.805	0.576	0.502	3.99	1.28	2.50	0.029
LDNO EHV: HV Site Specific	TBC	0	2.604	0.635	0.586	40.94	1.26	2.89	0.023
LDNO EHV: Unmetered Supplies	TBC	0, 1 or 8	7.102	0.741	0.529				
LDNO EHV: LV Generation Aggregated	TBC	0	-3.063	-0.155	-0.018	0.00			
LDNO EHV: LV Sub Generation Aggregated	TBC	0	-3.282	-0.156	-0.018	0.00			
LDNO EHV: LV Generation Site Specific	TBC	0	-3.063	-0.155	-0.018	0.00			0.047
LDNO EHV: LV Sub Generation Site Specific	TBC	0	-3.282	-0.156	-0.018	0.00			0.045
LDNO EHV: HV Generation Site Specific	TBC	0	-4.047	-0.131	-0.014	46.25			0.062

## Annex 4 - Charges applied to LDNOs with HV/LV end users

Tariff name	Unique billing identifier	PCs	Red/black unit charge p/kWh	Amber/yellow unit charge p/kWh	Green unit charge p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh
LDNO 132kV/EHV: Domestic Aggregated	TBC	1, 2 or 5-8	2.680	0.355	0.246	1.15			
LDNO 132kV/EHV: Domestic Aggregated (related MPAN)	TBC	2	2.680	0.355	0.246				
LDNO 132kV/EHV: Non-Domestic Aggregated	TBC	3, 4 or 5-8	2.397	0.341	0.244	1.89			
LDNO 132kV/EHV: Non-Domestic Aggregated (related MPAN)	TBC	4	2.397	0.341	0.244				
LDNO 132kV/EHV: LV Site Specific	TBC	0	1.623	0.295	0.239	2.50	0.66	1.42	0.020
LDNO 132kV/EHV: LV Sub Site Specific	TBC	0	2.140	0.439	0.383	3.10	0.98	1.91	0.022
LDNO 132kV/EHV: HV Site Specific	TBC	0	1.987	0.485	0.447	31.29	0.96	2.20	0.018
LDNO 132kV/EHV: Unmetered Supplies	TBC	0, 1 or 8	5.419	0.565	0.404				
LDNO 132kV/EHV: LV Generation Aggregated	TBC	0	-2.337	-0.118	-0.014	0.00			
LDNO 132kV/EHV: LV Sub Generation Aggregated	TBC	0	-2.504	-0.119	-0.014	0.00			
LDNO 132kV/EHV: LV Generation Site Specific	TBC	0	-2.337	-0.118	-0.014	0.00			0.036
LDNO 132kV/EHV: LV Sub Generation Site Specific	TBC	0	-2.504	-0.119	-0.014	0.00			0.034
LDNO 132kV/EHV: HV Generation Site Specific	TBC	0	-3.088	-0.100	-0.011	35.29			0.047
LDNO 132kV: Domestic Aggregated	TBC	1, 2 or 5-8	1.861	0.247	0.171	0.88			
LDNO 132kV: Domestic Aggregated (related MPAN)	TBC	2	1.861	0.247	0.171				
LDNO 132kV: Non-Domestic Aggregated	TBC	3, 4 or 5-8	1.665	0.237	0.170	1.39			
LDNO 132kV: Non-Domestic Aggregated (related MPAN)	TBC	4	1.665	0.237	0.170				
LDNO 132kV: LV Site Specific	TBC	0	1.127	0.205	0.166	1.81	0.46	0.99	0.014
LDNO 132kV: LV Sub Site Specific	TBC	0	1.486	0.305	0.266	2.23	0.68	1.32	0.015
LDNO 132kV: HV Site Specific	TBC	0	1.380	0.337	0.310	21.80	0.67	1.53	0.012
LDNO 132kV: Unmetered Supplies	TBC	0, 1 or 8	3.762	0.392	0.280				
LDNO 132kV: LV Generation Aggregated	TBC	0	-1.623	-0.082	-0.010	0.00			
LDNO 132kV: LV Sub Generation Aggregated	TBC	0	-1.739	-0.083	-0.010	0.00			
LDNO 132kV: LV Generation Site Specific	TBC	0	-1.623	-0.082	-0.010	0.00			0.025
LDNO 132kV: LV Sub Generation Site Specific	TBC	0	-1.739	-0.083	-0.010	0.00			0.024
LDNO 132kV: HV Generation Site Specific	TBC	0	-2.144	-0.070	-0.007	24.50			0.033
LDNO 0000: Domestic Aggregated	TBC	1, 2 or 5-8	0.764	0.101	0.070	0.51			
LDNO 0000: Domestic Aggregated (related MPAN)	TBC	2	0.764	0.101	0.070				
LDNO 0000: Non-Domestic Aggregated	TBC	3, 4 or 5-8	0.684	0.097	0.070	0.72			
LDNO 0000: Non-Domestic Aggregated (related MPAN)	TBC	4	0.684	0.097	0.070				
LDNO 0000: LV Site Specific	TBC	0	0.463	0.084	0.068	0.89	0.19	0.41	0.006
LDNO 0000: LV Sub Site Specific	TBC	0	0.611	0.125	0.109	1.06	0.28	0.54	0.006
LDNO 0000: HV Site Specific	TBC	0	0.567	0.138	0.127	9.10	0.27	0.63	0.005
LDNO 0000: Unmetered Supplies	TBC	0, 1 or 8	1.546	0.161	0.115				
LDNO 0000: LV Generation Aggregated	TBC	0	-0.667	-0.034	-0.004	0.00			
LDNO 0000: LV Sub Generation Aggregated	TBC	0	-0.714	-0.034	-0.004	0.00			
LDNO 0000: LV Generation Site Specific	TBC	0	-0.667	-0.034	-0.004	0.00			0.010
LDNO 0000: LV Sub Generation Site Specific	TBC	0	-0.714	-0.034	-0.004	0.00			0.010
LDNO 0000: HV Generation Site Specific	TBC	0	-0.881	-0.029	-0.003	10.07			0.014

## Annex 5 – Schedule of Line Loss Factors

This table has intentionally been left blank. The line loss factors that are approved by the BSC Panel for the applicable year and consequently published on the Elexon website will take precedence and be used in Settlement. This annex will be re-published once these values are available.

Western Power Distribution (South West) plc - Illustrative LLFs for year beginning 1 April 2021				
Time periods	Period 1	Period 2	Period 3	Period 4
	(Name 1)	(Name 2)	(Name 3)	(Name 4)
Monday to Friday Mar to Oct			00:00 - 06:30 23:30 - 24:00	06:30 - 23:30
Monday to Friday Nov to Feb	16:00 - 19:00	06:30 - 16:00	00:00 - 06:30 23:30 - 24:00	19:00 - 23:30
Saturday and Sunday All Year			00:00 - 06:30 23:30 - 24:00	06:30 - 23:30
Notes	All the above times are in UK Clock time			

Generic demand and generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low-voltage network					
Low-voltage substation					
High-voltage network					
High-voltage substation					
33kV generic					
33kV generic					
132kV generic					
132kV generic					

EHV site specific LLFs					
Demand					
Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Site 1					
Site 2					
Site 3					
Site 4					
Site 5					

EHV site specific LLFs					
Generation					
Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Site 1					
Site 2					
Site 3					
Site 4					
Site 5					

**Annex 6 - New Designated EHV Properties. Addendum to Schedule of Charges for use of the Distribution System by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-users).**

**Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final new designated EHV charges**

Effective from date	Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import exceeded capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export exceeded capacity charge (p/kVA/day)
	EDCM import 1			EDCM export 1											
	EDCM import 2			EDCM export 2											
	EDCM import 3			EDCM export 3											
	EDCM import 4			EDCM export 4											
	EDCM import 5			EDCM export 5											
	EDCM import 6			EDCM export 6											
	EDCM import 7			EDCM export 7											
	EDCM import 8			EDCM export 8											
	EDCM import 9			EDCM export 9											
	EDCM import 10			EDCM export 10											

**Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final new designated EHV line loss factors**

Effective from date	Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import LLF period 1	Import LLF period 2	Import LLF period 3	Import LLF period 4	Export LLF period 1	Export LLF period 2	Export LLF period 3	Export LLF period 4
	EDCM Import 1			EDCM Export 1											
	EDCM Import 2			EDCM Export 2											
	EDCM Import 3			EDCM Export 3											
	EDCM Import 4			EDCM Export 4											
	EDCM Import 5			EDCM Export 5											
	EDCM Import 6			EDCM Export 6											
	EDCM Import 7			EDCM Export 7											
	EDCM Import 8			EDCM Export 8											
	EDCM Import 9			EDCM Export 9											
	EDCM Import 10			EDCM Export 10											

Note: The list of MPANs / MSIDs provided may be incomplete; the DNO reserves the right to apply the listed charges to any other MPANs / MSIDs associated with the site.

Annex 7 - Schedule of Charges to recover Excess Supplier of Last Resort pass-through costs

**Western Power Distribution (South West) plc - Effective from 1 April 2021 - Final Supplier of Last Resort and Eligible Bad Debt Pass-Through Costs**

Tariff name	Open LLFCs / LDNO unique billing identifier	PCs	Supplier of Last Resort Fixed charge adder* p/MPAN/day	Excess Supplier of Last Resort Fixed charge adder** p/MPAN/day	Eligible Bad Debt Fixed charge adder*** p/MPAN/day
Domestic Aggregated	10, 20, 30, 40, 202	1, 2 or 5-8	0.01	0.00	0.25
Non-Domestic Aggregated	110, 210, 570, 540, 203, 510	3, 4 or 5-8			0.25
LV Site Specific	570	0			0.25
LV Sub Site Specific	540	0			0.25
HV Site Specific	510	0			0.25
LDNO LV: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO LV: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO LV: LV Site Specific	TBC	0			0.25
LDNO HV: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO HV: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO HV: LV Site Specific	TBC	0			0.25
LDNO HV: LV Sub Site Specific	TBC	0			0.25
LDNO HV: HV Site Specific	TBC	0			0.25
LDNO HVplus: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO HVplus: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO HVplus: LV Site Specific	TBC	0			0.25
LDNO HVplus: LV Sub Site Specific	TBC	0			0.25
LDNO HVplus: HV Site Specific	TBC	0			0.25
LDNO EHV: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO EHV: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO EHV: LV Site Specific	TBC	0			0.25
LDNO EHV: LV Sub Site Specific	TBC	0			0.25
LDNO EHV: HV Site Specific	TBC	0			0.25
LDNO 132kV/EHV: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO 132kV/EHV: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO 132kV/EHV: LV Site Specific	TBC	0			0.25
LDNO 132kV/EHV: LV Sub Site Specific	TBC	0			0.25
LDNO 132kV/EHV: HV Site Specific	TBC	0			0.25
LDNO 132kV: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO 132kV: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO 132kV: LV Site Specific	TBC	0			0.25
LDNO 132kV: LV Sub Site Specific	TBC	0			0.25
LDNO 132kV: HV Site Specific	TBC	0			0.25
LDNO 0000: Domestic Aggregated	TBC	1, 2 or 5-8	0.01	0.00	0.25
LDNO 0000: Non-Domestic Aggregated	TBC	3, 4 or 5-8			0.25
LDNO 0000: LV Site Specific	TBC	0			0.25
LDNO 0000: LV Sub Site Specific	TBC	0			0.25
LDNO 0000: HV Site Specific	TBC	0			0.25

\*Supplier of Last Resort pass-through costs which are recovered on a two year lag allocated to all domestic tariffs with a fixed charge (including LDNO)

\*\*Supplier of Last Resort pass-through costs which are not recovered on a two year lag allocated to all domestic tariffs with a fixed charge (including LDNO)

\*\*\*Eligible Bad Debt pass-through costs allocated to all metered demand tariffs (including LDNO)