Eastern Power Networks plc
Use of System Charging Statement

Notice of Charges

Effective from 1 April 2020

Version 1.1

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

UK Power Networks
Delivering your electricity

Version Control

Version	Date	Description of version and any changes made
V1.0	19/12/2018	Final Charges
V1.1	30/04/2019	Update to Annexes 2 & 6

A change-marked version of this statement can be provided upon request.

Contents

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[1] for the use of our Distribution System and to provide the schedule of Line Loss Factors[2] 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)[3].

- Common Distribution Charging Methodology (CDCM); for Low Voltage (LV) and High Voltage (HV) Designated Properties as per DCUSA Schedule 16; and
- Extra High Voltage (EHV) Distribution Charging Methodology (EDCM); for Designated EHV Properties as per DCUSA Schedule 18.

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.

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.ukpowernetworks.co.uk.

[1] Charges can be positive or negative.
[2] 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.
[3] The Distribution and Connection Use of System Agreement (DCUSA) available from http://www.dcusa.co.uk/SitePages/Documents/DCUSA-Document.aspx

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. The latest statements can be downloaded from www.ukpowernetworks.co.uk.

Contact details

1.11. If you have any questions about this statement please contact:

Mark James, Pricing Manager

Email: distributionpricing@ukpowernetworks.co.uk

1.12. For enquiries regarding Connection Agreements and changes to maximum capacities please contact:

Connection Agreements Administration

Email: connection.agreements@ukpowernetworks.co.uk

Post: Agreements Manager, UK Power Networks, Energy House, Hazelwick Avenue, Crawley, RH10 1EX

1.13. For all other queries please contact General Enquiries on: 0800 029 4285

1.14. You can also find us on Facebook www.facebook.com/ukpowernetworks and Twitter www.twitter.com/UKPowerNetworks.

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 an MPAN, and the units consumed within the time periods specified in this statement. These time periods may not necessarily be 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); more than one kWh charge may apply depending on 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. Where an MPAN has an invalid Settlement combination, the 'Domestic Unrestricted' fixed and unit charges will be applied as default until the invalid combination is corrected. Where there are multiple SSC/TPR combinations, the default 'Domestic Unrestricted' fixed and unit charges will be applied for each invalid SSC/TPR combination.

2.13. The time periods for unit charges where the Metering System is Measurement Class A or B are as specified by the SSC. To determine the appropriate charge rate for each SSC/TPR a lookup table is provided in the spreadsheet that accompanies this statement[4].

[4]Eastern Power Networks- Schedule of charges and other tables – 2020 V1.1.xlsx

2.14. The time periods for unit charges where the Metering System is Measurement Class F or G are set out in the table 'Time Bands for Half Hourly Metered Properties' in Annex 1.

2.15. The 'Domestic Off-Peak' and 'Small Non-Domestic Off-Peak' charges are supplementary to either an unrestricted or a two-rate charge.

Site-specific billing and payment

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

2.17. 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.

2.18. 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.

2.19. 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.

Site-specific billed charges

2.20. 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;
- unit charges, pence/kWh, more than one unit charge may be applied; and
- an excess reactive power charge, pence/kilovolt-ampere reactive hour (kVArh), for each unit in excess of the reactive charge threshold.

2.21. 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.

2.22. 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.

2.23. LV and HV Designated Properties will be charged in accordance with the CDCM and allocated the relevant charge structure set out in Annex 1.

2.24. For LV and HV Designated Properties that utilise a combination of Intermittent and Non-Intermittent generation technologies metered through a single MPAN/MSID, we will allocate the tariff based on the dominant technology. The dominant technology will have a higher combined installed capacity as evidenced in ratings contained in the Connection Agreement.

2.25. Designated EHV Properties will be charged in accordance with the EDCM and allocated the relevant charge structure set out in Annex 2.

2.26. 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.

2.27. Due to the seasonal nature of charges for Unmetered Supplies, changes between Measurement Classes B and D (or vice versa) shall not be agreed except with effect from 1 April in any charging year.

Time periods

2.28. The time periods for the application of unit charges to LV and HV Designated Properties that are HH metered are detailed in Annex 1. We have not issued a notice to change the time bands.

2.29. 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.

2.30. The time periods for the application of unit charges to Unmetered Supply exit points that are pseudo HH metered are detailed in Annex 1. We have not issued a notice to change the time bands.

Application of capacity charges

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

Chargeable capacity

2.32. The chargeable capacity is, for each billing period, the MIC/MEC, as detailed below.

2.33. 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.

2.34. 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.

2.35. 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 paragraph 1.12.

Exceeded capacity

2.36. 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 (kVArh)

RE = Reactive export (kVArh)

MIC = Maximum import capacity (kVA)

2.37. 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 occurring at times of kWh import are summated prior to the calculation above.

2.38. 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 (kVArh)

RE = Reactive export (kVArh)

MEC = Maximum export capacity (kVA)

2.39. 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.

2.40. 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

2.41. 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

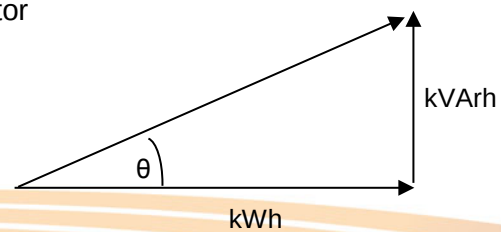
2.42. There is no minimum capacity threshold.

Application of charges for excess reactive power

2.43. 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.

2.44. Power Factor is calculated as follows:

Cos θ = Power Factor



2.45. 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)

2.46. 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.

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

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

Generation chargeable reactive power

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

Where:

AE = Active export (kWh)

RI = Reactive import (kVArh)

RE = Reactive export (kVArh)

2.49. 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.

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

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

Incorrectly allocated charges

2.52. 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. Where an MPAN/MSID is used for export purposes in relation to an LV or HV Designated Property, the type of generation (Intermittent or Non-Intermittent) also determines the allocation of charges.

2.53. 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.

2.54. The Supplier determines and provides us with the metering information and data. This enables us to allocate charges where there is more than one charge per voltage level. The metering information and data is likely to change over time if, for example, a Supplier changes from a two rate meter to a single rate meter. When we are notified this has happened we will change the allocation of charges accordingly.

2.55. 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.

2.56. 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, 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.

2.57. 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.

2.58. 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 the request; whichever is the shorter.

2.59. Any credit or additional charge will be issued to the relevant Supplier(s) effective during the period of the change.

2.60. 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

2.61. 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 use of system 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.

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

2.63. 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.

2.64. 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.

2.65. 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[5] (as agreed with us). The data shall be emailed to UKPNDuosServices@ukpowernetworks.co.uk.

2.66. 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. In order to estimate missing reactive data, a power factor of 0.9 will be applied to the active consumption in any half hour.

Out of area use of system charges

2.67. We do not operate networks outside our Distribution Services Area.

Licensed distribution network operator charges

2.68. Licensed Distribution Network Operator (LDNO) charges are applied to LDNOs who operate Embedded Networks within our Distribution Services Area.

2.69. 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.

2.70. Where a NHH metered MPAN has an invalid Settlement combination, the 'LDNO HV: Domestic Unrestricted' fixed and unit charges will be applied as default until the invalid combination is corrected. Where there are multiple SSC/TPR combinations, the default 'LDNO HV: Domestic Unrestricted' fixed and unit charges will be applied for each invalid SSC/TPR combination.

2.71. 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.

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

Licence exempt distribution networks

2.73. The Electricity and Gas (Internal Market) Regulations 2011[6] introduced new obligations on owners of licence exempt distribution networks (sometimes called

[5] MRA Data Transfer Catalogue available from https://dtc.mrasco.com/.
[6] The Electricity and Gas (Internal Market) Regulations 2011 available from http://www.legislation.gov.uk/uksi/2011/2704/contents/made

private networks) including a duty to facilitate access to electricity and gas suppliers for Customers within those networks.

2.74. 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.

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

Full settlement metering

2.76. 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.

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

Difference metering

2.78. 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.

Gross settlement

2.79. Where one of our MPANs 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.

2.80. 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 MRA data flow;
- the text file shall be emailed to UKPNDuosServices@ukpowernetworks.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;
- the text filename shall be formed of the metering reference specified by us followed by a hyphen, followed by a timestamp in the format YYYYMMDDHHMMSS and followed by “.txt”.

2.81. 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

2.82. Where one of our MPANs 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.

2.83. The charges applicable for the embedded MPANs are unit charges only. These will be the same values as those at the voltage of connection to the licence exempt distribution network. The fixed charge and capacity charge, at the agreed MIC/MEC of the boundary MPAN, will be charged to the boundary MPAN Supplier.

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.ukpowernetworks.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[7] 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. 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.

4.7. The Elexon website[8] contains more information on LLFs.

Publication of line loss factors

4.8. The LLFs used in Settlement are published on the Elexon Portal[9]. 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.

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

[7] 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.
[8] The following page has links to BSCP128 and to our LLF methodology: http://www.elexon.co.uk/reference/technical-operations/losses/
[9] The Elexon Portal can be accessed from www.elexonportal.co.uk

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 which shows the underlying nodal costs used to calculate the current EDCM charges is provided in the 'Schedule of Charges and other tables' document. They can be found in the 'Nodal prices' tab of the published document on our website www.ukpowernetworks.co.uk.

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. New or existing Designated EHV Property Customers may wish to offer part of their MIC to be interruptible by us (for active network management purposes other than normal planned or unplanned outages) in order to benefit from any reduced UoS charges calculated using the EDCM.

5.8. Several options exist in which we may agree for some or the entire MIC to be interruptible. Under the EDCM the applicable demand capacity costs would be based on the MIC minus the capacity subject to interruption.

5.9. If you are interested in making part or all of your MIC interruptible as an integral irrevocable feature of a new connection or modification to an existing connection, you should in the first instance contact our connections function;

- By emailing connections.gateway@ukpowernetworks.co.uk
- By telephone to **0800 029 4282**
- By writing to UK Power Networks, Connections Gateway, Metropolitan House, Darkes Lane, Potters Bar, EN6 1AG

You must make an express statement in your application that you have an interest in some or all of the import capacity being interruptible for active network management purposes.

5.10. If you are proactively interested in voluntarily but revocably offering to make some or all of your existing connection's MIC interruptible you should in the first instance contact our Agreements Manager at the address in paragraph 1.12.

5.11. A guide to Demand Side Management (DSM) is also available. This provides more information on the type of arrangement that might be put in place should you request to participate in DSM arrangements. This document is available by contacting our Agreements Manager at the address in paragraph 1.12.

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;

Size of Unpaid Debt	Late Payment Fee
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. No charges for Electrical Plant Provided Ancillary to the Grant of Use of System are detailed within this statement. Please refer to our Statement of Miscellaneous Charges for details of transactional charges and other notices.

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 www.elexon.co.uk/ELEXON Documents/trading_arrangements.pdf.
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 who, 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.

<table>
<tr><th>Term</th><th>Definition</th></tr>
<tr><td>Distribution Connection and Use of System Agreement (DCUSA)</td><td>The DCUSA is a multi-party contract between the licensed electricity distributors, suppliers, generators and Offshore Transmission Owners of Great Britain.
It is a requirement that all licensed electricity distributors and suppliers become parties to the DCUSA.</td></tr>
<tr><td>Distributor IDs</td><td>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.
<table>
<tr><th>ID</th><th>Distribution Service Area</th><th>Company</th></tr>
<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>Leep 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>
</table></td></tr>
</table>

Term	Definition
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	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: • Grid Supply Points or generation sets or other entry points to the points of delivery to: • 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.
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.
Intermittent Generation	Defined in DCUSA Schedule 16 as a generation plant where the energy source of the prime mover cannot be made available on demand, in accordance with the definitions in Engineering Recommendation P2/6.
Invalid Settlement Combination	A Settlement combination that is not recognised as a valid combination in market domain data – see https://www.elexonportal.co.uk/MDDVIEWER.
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	$= \frac{annual\ consumption\ (kWh)}{maximum\ demand\ (kW) \times hours\ in\ year}$
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	A classification of Metering Systems used in the BSC which indicates how consumption is measured, i.e.: • Measurement Class A – non-half hourly metering equipment; • Measurement Class B – non-half hourly unmetered supplies; • Measurement Class C – half hourly metering equipment at or above 100kW premises; • Measurement Class D – half hourly unmetered supplies; • Measurement Class E – half hourly metering equipment below 100kW premises with CT; • Measurement Class F – half hourly metering equipment at below 100kW premises with CT or whole current, and at domestic premises; and • Measurement Class G – half hourly metering equipment at below 100kW premises with whole current and not at domestic premises.
Meter Timeswitch Code (MTC)	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.
Metering Point	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'.
Metering Point Administration Number (MPAN)	A number relating to a Metering Point under the MRA.
Metering System	Particular commissioned metering equipment installed for the purposes of measuring the quantities of exports and/or imports at the exit point or entry point.
Metering System Identifier (MSID)	MSID is a term used throughout the BSC and its subsidiary documents and has the same meaning as MPAN as used under the MRA.
Master Registration Agreement (MRA)	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.
Nested Networks	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).
Non-Intermittent Generation	Defined in DCUSA Schedule 16 as a generation plant where the energy source of the prime mover can be made available on demand, in accordance with the definitions in Engineering Recommendation P2/6.

Term	Definition
Ofgem	Office of Gas and Electricity Markets – Ofgem is governed by GEMA and is responsible for the regulation of the distribution companies.
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[10].
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.

[10] Balancing and Settlement Code Procedures are available from http://www.elexon.co.uk/pages/bscps.aspx

Appendix 2 - Guidance notes[11]

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

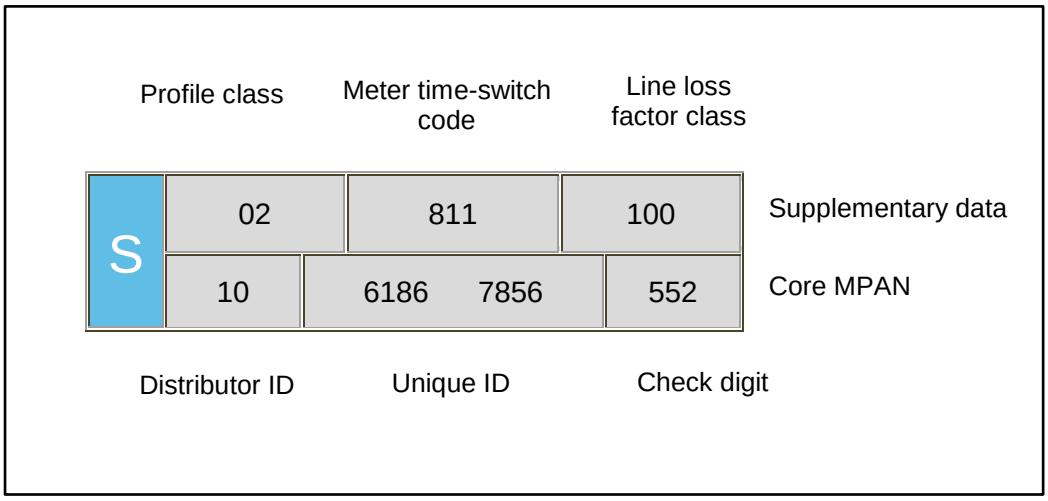
1.5. We are responsible for managing the electricity supply points that are connected to our Distribution System. Typically, every supply point is identified by a Meter Point Administration Number (MPAN). A few supply points may have more than one MPAN depending on the metering configuration (e.g. a 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.

[11] 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 line loss factor class 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 core MPAN. The Distributor ID for Eastern Power Networks is 10. 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 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.ukpowernetworks.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 Extra High Voltage or connected at High Voltage and metered at a high voltage 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 - Charges for use of the Distribution System by LV and HV Designated Properties

Eastern Power Networks - Effective from 1 April 2020 - Final LV and HV charges

Time Bands for Half Hourly Metered Properties			
Time periods	**Red Time Band**	**Amber Time Band**	**Green Time Band**
Monday to Friday (Including Bank Holidays) All Year	16:00 - 19:00	07:00 - 16:00 19:00 - 23:00	00:00 - 07:00 23:00 - 24:00
Saturday and Sunday All Year			00:00 - 24:00
Notes	**All times are in UK Clock time**		

Time Bands for Half Hourly Unmetered Properties			
	Black Time Band	**Yellow Time Band**	**Green Time Band**
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:00 - 19:00	07:00 - 16:00 19:00 - 23:00	00:00 - 07:00 23:00 - 24:00
Monday to Friday (Including Bank Holidays) March to October Inclusive		07:00 - 23:00	00:00 - 07:00 23:00 - 24:00
Saturday and Sunday All Year			00:00 - 24:00
Notes	**All times are in UK Clock time**		

Tariff name	Open LLFCs	PCs	Unit charge 1 (NHH) or red/black charge (HH) p/kWh	Unit charge 2 (NHH) or amber/yellow charge (HH) p/kWh	Green charge(HH) 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 Unrestricted	3, 40	1	2.194			4.84				
Domestic Two Rate	7, 11, 25, 43, 46, 58	2	2.829	0.180		4.84				
Domestic Off Peak (related MPAN)	22, 29, 55, 61	2	0.242							
Small Non Domestic Unrestricted	201, 237, 238, 239	3	1.690			4.84				
Small Non Domestic Two Rate	15, 49, 205, 242, 247, 248	4	2.052	0.160		4.84				
Small Non Domestic Off Peak (related MPAN)	33, 64	4	0.310							
LV Medium Non-Domestic	250, 254	5-8	2.222	0.142		51.55				
LV Sub Medium Non-Domestic		5-8	1.146	0.108		7.48				
HV Medium Non-Domestic		5-8	0.747	0.090		102.89				
LV Network Domestic	1	0	15.283	0.486	0.135	4.84				
LV Network Non-Domestic Non-CT	200	0	13.130	0.429	0.127	5.42				
LV HH Metered	86	0	9.800	0.314	0.110	12.76	3.64	7.56	0.315	
LV Sub HH Metered	80	0	7.104	0.215	0.096	7.48	5.18	6.80	0.208	
HV HH Metered	84	0	5.765	0.174	0.090	102.89	4.28	6.02	0.167	
NHH UMS category A	100, 110, 150, 160	8	2.119							
NHH UMS category B	102, 112, 152, 162	1	2.943							
NHH UMS category C	103, 113, 153, 163	1	4.869							
NHH UMS category D	101, 111, 151, 161	1	1.581							
LV UMS (Pseudo HH Metered)	350	0	40.982	1.125	0.781					
LV Generation NHH or Aggregate HH	905, 912, 913	8 or 0	-0.983			0.00				
LV Sub Generation NHH		8	-0.869			0.00				
LV Generation Intermittent	980	0	-0.983			0.00			0.289	
LV Generation Intermittent no RP charge	981	0	-0.983			0.00				
LV Generation Non-Intermittent	982	0	-9.667	-0.259	-0.036	0.00			0.289	
LV Generation Non-Intermittent no RP charge	983	0	-9.667	-0.259	-0.036	0.00				
LV Sub Generation Intermittent	984	0	-0.869			0.00			0.255	
LV Sub Generation Intermittent no RP charge	985	0	-0.869			0.00				
LV Sub Generation Non-Intermittent	986	0	-8.618	-0.217	-0.029	0.00			0.255	
LV Sub Generation Non-Intermittent no RP charge	987	0	-8.618	-0.217	-0.029	0.00				
HV Generation Intermittent	988	0	-0.621			9.02			0.207	
HV Generation Intermittent no RP charge	989	0	-0.621			9.02				
HV Generation Non-Intermittent	990	0	-6.343	-0.120	-0.014	9.02			0.207	
HV Generation Non-Intermittent no RP charge	991	0	-6.343	-0.120	-0.014	9.02				

Note: Where a tariff only has a p/kWh unit rate in Unit Charge 1 then this unit rate applies at all times.

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

Eastern Power Networks - Effective from 1 April 2020 - Final EDCM charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:00 - 19:00
Notes	All 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)
3VALSW	771	1014569699836				AFFINITY WATER LIMITED		2,914.69	5.30	5.30				
ABSRSF	869	1050000574685	ABSRSF	744	1050000574694	ABBOTS RIPTON SOLAR ENERGY LIMITED	0.173	18.40	1.73	1.73		3,679.33	0.05	0.05
ADBRKS	771	1023529546480				CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	0.162	3,094.55	3.51	3.51				
AIAMAN	771	1014569292506	AIAMAN	792	1030054607984	STANSTALL (PROPERTIES) LIMITED	0.652	8.56	8.90	8.90	-0.626	171.29	0.05	0.05
ALCORG	796	1050001015545	ALCORG	651	1050000998050	ALCOR LSPV LTD		5.11	2.26	2.26		510.86	0.05	0.05
ARAMAN	800	1023483097981				AIRCRAFT RESEARCH ASSOCIATION LIMITED		6,701.37	1.00	1.00				
ARDLGH	564	1050001061597	ARDLGH	666	1050001061602	SUNSAVE 28 (ARDLEIGH) LIMITED	0.275	1.99	4.00	4.00		795.65	0.05	0.05
ARLAFD	771	1030081553176 1030081553404	ARLAFD	792	1030085114723 1030085114955	ARLA FOODS LIMITED		3,312.05	1.70	1.70		1,104.02	0.05	0.05
ASTONC	503	1050000834246	ASTONC	780	1050000834255	ASTON CLINTON	1.797	2.60	3.60	3.60		520.15	0.05	0.05
AVENUE	504	1050000774970	AVENUE	781	1050000774980	C/O OCTOPUS INVESTMENTS LIMITED	0.071	17.30	3.24	3.24		1,124.59	0.05	0.05
AW_GRA	771	1014571445536 1023477037942				ANGLIAN WATER SERVICES	4.441	89.93	4.22	4.22				
AWOUSE	771	1023475403798 1014571965793				ANGLIAN WATER SERVICES	3.024	179.86	2.19	2.19				
BARNFM	796	1050000774999	BARNFM	652	1050000775005	BARN FARM SOLAR	0.334	51.03	4.18	4.18		2,143.45	0.05	0.05
BAYFMS	870	1050000579318	BAYFMS	745	1050000579327	BAY FARM SOLAR PV (IMPORT)	0.107	35.35	1.55	1.55		2,827.82	0.05	0.05
BDGHSE	505	1050000669548	BDGHSE	782	1050000669539	BOARDINGHOUSE WINDFARM LIMITED		28.47	1.48	1.48		1,061.26	0.05	0.05
BDWLWF	827	1030082700415	BDWLWF	734	1030082700647	RWE INNOGY UK LIMITED	0.013	33.48	1.97	1.97		4,235.20	0.05	0.05
BERDHF	798	1050001382522	BERDHF	799	1050001382531	STRATERA ENERGY LIMITED		1,326.00	1.14	1.14		1,325.75	0.05	0.05
BERMAT	771	1014571751895				BERNARD MATTHEWS LIMITED		89.93	5.38	5.38				
BGWDWF	871	1030083931374	BGWDWF	746	1030083931142	BIGGLESWADE WIND FARM LIMITED		3.42	2.33	2.33		280.64	0.05	0.05
BLCAMB	539	1050001036615	BLCAMB	653	1050001036624	BURY GREEN FARM SOLAR LIMITED		5.06	1.68	1.68		252.93	0.05	0.05
BLDOCK	618	MSID: 7308	BLDOCK	619	MSID: 7308	VIRIDIS 178 LIMITED	1.211	37.60	1.34	1.34	-1.428	752.01	0.05	0.05
BLGTSF	534	1050000769039	BLGTSF	466	1050000769048	SOLAR CENTURY		11.87	2.52	2.52		1,127.21	0.05	0.05
BNNSHL	540	1050001021414	BNNSHL	654	1050001021423	BUNNS HILL SOLAR LIMITED	9.413	35.55	1.74	1.74		1,520.81	0.05	0.05
BOCTHA	803	1014572608412				BOC LIMITED	0.654	973.99	5.37	5.37				
BOXTED	506	1050000774270	BOXTED	783	1050000774289	WISEENERGY GB	0.025	1.58	2.27	2.27		256.40	0.05	0.05
BPA_CO	804	1014572578282				BPA LTD	0.168	515.97	2.64	2.64				
BPTLTD	771	1023475256360 1014572502380				ZURICH ASSURANCE LTD	1.030	269.79	1.99	1.99				
BR_BRE	796	TBC				NETWORK RAIL INFRASTRUCTURE LIMITED		3,205.83	2.59	2.59				
BRCHGP	525	1050000961956	BRCHGP	457	1050000961965	BIRCH ESTATE SOLAR LIMITED	0.405	35.84	1.67	1.67		2,204.22	0.05	0.05
BROGB_	821	1030041592510 1030041592742 1030041592974 1030041593203				INFINIS ENERGY SERVICES LIMITED	0.002	246.80	1.54	1.54				
BROXSF	872	1050000521610	BROXSF	747	1030085039971	BROXTED SOLAR CO LTD	1.395	11.29	6.40	6.40		2,596.82	0.05	0.05
BRTHS2	508	1050000782944	BRTHS2	785	1050000773842	BURNTHOUSE SOLAR LTD C/O LIGHTSOURCE ASSET MANAGEMENT LIMITED	0.020	1.28	2.73	2.73		256.70	0.05	0.05
BRTHSS	873	1030083941266	BRTHSS	735	1030083941034	TURVES SOLAR LTD	0.007	2.85	2.09	2.09		255.14	0.05	0.05
BRTHSW	874	1030083918035	BRTHSW	748	1030083917802	BURNTHOUSE FARM LTD	0.020	7.30	1.50	1.50		250.68	0.05	0.05
BS_BUR	805	1023485782314 1050000914910	BS_BUR	700	1023485782546 1050000914900	ASSOCIATED BRITISH FOODS PLC	1.249	94.86	1.41	1.41	-1.249	679.10	0.05	0.05
BS_WIS	806	1014568635628	BS_WIS	719	1023470427970	ASSOCIATED BRITISH FOODS PLC	0.004	25.80	1.70	1.70	-0.419	232.19	0.05	0.05
BSGBRN	507	1050000773851	BSGBRN	784	1050000773860	PUSH ENERGY (BASSINGBOURN)	0.001	12.89	2.07	2.07		1,546.29	0.05	0.05

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BTLCOM	771	1050000169030 1014572546086				BRITISH TELECOMMUNICATIONS PLC	4.461	359.71	5.26	5.26				
BURYLN	541	1050000729676	BURYLN	786	1050000729667	SE BURY LANE SOLAR LIMITED	0.002	3.13	3.00	3.00		781.27	0.05	0.05
CANTSF	875	1030082355419	CANTSF	749	1030081926920	HASLINGFIELD SOLAR PARK LIMITED	0.006	23.41	1.81	1.81		1,170.64	0.05	0.05
CEMXUK	771	1014571132500 1023474247588				CEMEX UK OPERATIONS LIMITED	5.242	89.93	2.63	2.63				
CHEDSF	876	1030083806488	CHEDSF	750	1030083806256	ADALINDA SOLAR SPV1 LIMITED	0.076	8.25	3.99	3.99		1,029.32	0.05	0.05
CHFARM	542	1050000961983	CHFARM	683	1050000961992	LIGHTSOURCE SPV109 LIMITED C/O LIGHTSOURCE ASSET MANAGEMENT LIMITED	1.414	49.10	2.11	2.11		2,553.27	0.05	0.05
CHPLOW	543	1050000948022	CHPLOW	655	1050000948031	CHIPLOW WIND FARM LIMITED	0.016	49.38	1.80	1.80		4,114.98	0.05	0.05
CLAYPV	796	1050001382337	CLAYPV	797	1050001382355	ANESCO LIMITED			1.49	1.49			0.05	0.05
CLDECT	544	1050000714173	CLDECT	656	1050000714182	AMP GM005	0.025	11.76	1.51	1.51		2,587.79	0.05	0.05
CLFFQY	798	1050001439408	CLFFQY	799	1050001439417	RBA ENERGY LTD		32.45	2.36	2.36	-0.733	2,496.19	0.05	0.05
CLRDWN	796	1050001495174	CLRDWN	797	1050001495183	BESS CLAREDOWN LTD	2.980	491.30	1.31	1.31	-3.216	491.30	0.05	0.05
CLTSHL	535	1050000841917	CLTSHL	467	1050000841926	SCOTTOW MOOR SOLAR LIMITED	0.194	3.02	15.04	15.04		604.23	0.05	0.05
CMRODC	796	1050001068050 1050001068069				ELEAN BUSINESS PARK	0.002	257.99	3.73	3.73				
COLDHA	808	1030017556367				SCOTTISHPOWER STRATEGIC TRANSACTIONS	0.009	25.23	1.67	1.67				
CRANHM	566	1050001191792	CRANHM	684	1050001191808	RFE GEN CO LIMITED	0.128	10.18	1.60	1.60		557.95	0.05	0.05
CROYDN	509	1050000808859	CROYDN	787	1050000808868	PUSH ENERGY (CROYDON) LIMITED	0.005	2.18	3.83	3.83		1,162.98	0.05	0.05
CRSSNG	796	1050001047087	CRSSNG	657	1050001047078	CRESSING SOLAR FARM LIMITED		1.50	7.44	7.44		749.19	0.05	0.05
CTWDFM	835	1030079565056	CTWDFM	736	1030079564823	COTTON FARM WIND FARM LIMITED		11.59	1.93	1.93		950.55	0.05	0.05
DBLANE	878	1050000612950	DBLANE	752	1050000612940	SOLAR WOODWALTON LIMITED	0.171	7.75	3.51	3.51		1,394.94	0.05	0.05
DGRLTY	771	1030050289278 1030050289506				HSBC GLOBAL SERVICES (UK) LTD	2.134	6,565.89	2.10	2.10				
DRABED	809	1014572509517				BAP LOAN CO LIMITED FAO G PAYNE		7,771.42	1.52	1.52				
DRAPER	879	1050000581432	DRAPER	753	1050000581441	LIGHTSOURCE SPV16 LIMITED		5.34	6.89	6.89		534.10	0.05	0.05
DRAYTN	545	1050001047272	DRAYTN	658	1050001047263	HAYMAKER (SIXTEEN) LTD	2.672	11.78	1.81	1.81		530.27	0.05	0.05
DRYHSE	877	1050000609423	DRYHSE	751	1050000609380	SUNSAVE 25 (WIX LODGE FARM) LIMITED	0.275	1.89	6.01	6.01		566.25	0.05	0.05
EARLHF	841	1030081316739	EARLHF	737	1030081316960	EARLS HALL WIND FARM LIMITED	0.005	3.59	1.63	1.63		358.72	0.05	0.05
EBCKHM	887	1050000609441	EBCKHM	761	1050000563595	HALL SOLAR LIMITED	0.023	2.80	15.43	15.43		534.04	0.05	0.05
EDLMUC	810	1023497822125 1023497822357 1023514863056 1030010107819				NON FOSSIL PURCHASING AGENCY	0.067	11.06	2.84	2.84				
EDLPIT	811	1030020271288				EDL OPERATIONS	0.106	23.08	1.41	1.41				
EGMRSF	880	1050000567483	EGMRSF	754	1050000567492	EGMERE AIRFIELD SOLAR PARK LIMITED	0.016	5.11	3.54	3.54		542.15	0.05	0.05
ELLOSF	881	1050000612880 1050001004933 1050001004942	ELLOSF	755	1050000612870 1050001004915 1050001004924	ELLOUGH SOLAR LLP	0.070	4.72	4.13	4.13		1,085.01	0.05	0.05
ELSAGE	546	1050000923668	ELSAGE	659	1050000923677	PERPETUAL POWER (UK) LIMITED	0.370	15.98	19.86	19.86		959.00	0.05	0.05
EMR_TI	813	1023475632649 1014572805060				EUROPEAN METAL RECYCLING LIMITED	0.292	515.97	2.34	2.34				
EPRSUT	812	1023494988750	EPRSUT	705	1023503165023	ENERGY POWER RESOURCES LTD	1.258	255.86	1.52	1.52	-1.334	1,944.53	0.05	0.05
ERNUNN	798	1050001440510	ERNUNN	799	1050001440529	PLUTUS POWERGEN		18.98	1.73	1.73	-0.096	1,459.68	0.05	0.05
ESWMID	771	1014572640842 1014572641075	ESWMID	792	1023518907371 1023518908064	NORTHUMBRIAN WATER LIMITED	5.671	167.87	2.64	2.64	-5.599	11.99	0.05	0.05
ESWWIX	771	1014572713989				NORTHUMBRIAN WATER	1.807	2,398.72	4.85	4.85				
EUSTSF	882	1050000628160	EUSTSF	756	1050000628170	HONINGTON SOLAR PV (IMPORT)	0.292	50.89	4.31	4.31		1,221.40	0.05	0.05
EXNING	510	1050000784384	EXNING	788	1050000784393	DAISY NO.1 LIMITED		11.87	2.71	2.71		2,848.49	0.05	0.05
EYEWFM	883	1030085019966	EYEWFM	757	1030085020190	EYE WIND POWER LIMITED	0.133	9.22	1.53	1.53		626.93	0.05	0.05
FBWTHE	817	1023507304338	FBWTHE	718	1023507304560	CEMG EXPORT PORTFOLIO	2.817	24.29	2.38	2.38	-4.109	233.69	0.05	0.05
FENLND	511	1050000774163	FENLND	789	1050000774172	FENLAND RENEWABLES LIMITED	0.823	37.36	1.95	1.95		3,735.80	0.05	0.05
FIBEYE	816	1023479132092	FIBEYE	707	1023479132320	EPR EYE POWER STATION	1.524	17.82	1.76	1.76	-1.978	302.97	0.05	0.05
FLYFRM	512	1050000822463	FLYFRM	790	1050000822472	FOLLY FARM SOLAR PARK LTD	1.433	7.56	3.20	3.20		1,134.33	0.05	0.05
FORD_D	818	1015684515819				FORD MOTOR COMPANY LIMITED		23,890.42	3.14	3.14				
FRDHVS	771	1014572810813				FORD MOTOR COMPANY LIMITED	0.748	449.64	3.52	3.52				
FUJISL	771	1023526590750 1023526590982 1023526591211				FUJITSU SERVICES LIMITED	1.265	269.79	3.32	3.32				
FWINDS	513	1050000709721	FWINDS	766	1050000709730	LIGHTSOURCE		8.18	2.64	2.64		817.94	0.05	0.05
FXDFAG	771	1014572633250 1023479907422				HUTCHISON PORTS (UK) LTD	5.688	2,656.71	3.49	3.49				

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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)
FXDOYS	771	1023482441566 1023492579962				HUTCHISON PORTS (UK) LTD	5.539	2,656.71	3.49	3.49				
GASTHU	796	TBC	GASTHU	797	TBC	GAS GENERATION THURROCK LIMITED		424.46	1.14	1.14		1,131.90	0.05	0.05
GDE132	514	1050000738305	GDE132	767	1050000738290	GOOD ENERGY WEST RAYNHAM SOLAR PARK (030) LTD		20.59	1.61	1.61		1,027.51	0.05	0.05
GFTHRN	567	1050000903244	GFTHRN	660	1050000903253	REDSTOW RENEWABLES LIMITED	0.023	52.12	1.58	1.58	-0.260	724.65	0.05	0.05
GLASM2	865	1030083962424	GLASM2	738	1030083962656	GLASS MOOR 2 WIND FARM LTD	0.090	44.57	1.78	1.78		2,192.68	0.05	0.05
GLASSM	814	1030024800679				GLASS MOOR WINDFARM	0.114	11.48	1.82	1.82				
GLXOST	771	1014569657748 1014569657970				GLAXOSMITHKLINE SERVICES UNLIMITED	3.187	179.86	3.08	3.08				
GLXOW2	771	1023475635409 1023475634488				GLAXOSMITHKLINE SERVICES UNLIMITED	5.130	179.86	1.94	1.94				
GLXOWR	771	1023484819994 1023475633563				GLAXOSMITHKLINE SERVICES UNLIMITED	5.130	449.64	2.28	2.28				
GOSFLD	515	1050000714216	GOSFLD	768	1050000714207	PUSH ENERGY (GOSFIELD AIRFIELD) LIMITED	0.373	191.81	2.34	2.34		2,071.52	0.05	0.05
GREYSH	796	1050001391466	GREYSH	797	1050001391475	PUSH ENERGY LTD	7.664	101.50	2.28	2.28	-7.999	1,979.27	0.05	0.05
GRNEND	516	1050000774215	GRNEND	769	1050000774224	WISEENERGY GB		42.83	2.25	2.25		4,283.22	0.05	0.05
GRNFRM	796	1050001003248	GRNFRM	661	1050001003257	EMPYREAL ENERGY LIMITED	0.334	8.71	3.40	3.40		1,393.98	0.05	0.05
GRNILM	568	1050001299886	GRNILM	685	1050001299895	VERTO ENERGY DEVELOPMENTS LTD	0.221	28.08	1.74	1.74		2,313.49	0.05	0.05
GRTYAR	600	MSID: 7111				E.ON UK PLC		25.95	1.33	1.33				
GUNFL3	615	MSID: 7277	GUNFL3	614	MSID: 7277	DONG ENERGY GUNFLEET SANDS DEMO (UK) LTD	0.229	62.91	1.42	1.42		202.49	0.05	0.05
GUNFLT	603	MSID: 7211				E.ON UK PLC	0.005	117.80	1.38	1.38				
HALLFM	888	1050000834219	HALLFM	762	1050000834228	SOLAR PARK DEVELOPMENTS 2 LTD	0.022	11.58	6.97	6.97		1,547.59	0.05	0.05
HDATTP	571	1050001197873	HDATTP	797	1050001197864	HODDESDON ENERGY LTD		145.17	2.26	2.26	-1.235	967.83	0.05	0.05
HDGMSF	884	1050000521726	HDGMSF	758	1050000521735	SOLAR CENTURY	0.123	5.19	5.50	5.50		628.14	0.05	0.05
HEINZF	771	1014573127752				ALBERT BARTLETT & SONS (AIRDRIE) LIMITED	4.565	89.93	4.33	4.33				
HGHFLD	885	1050000563150	HGHFLD	759	1050000563169	HIGHFIELDS SOLAR LTD	0.068	6.41	3.64	3.64		2,022.20	0.05	0.05
HHFARM	570	1050001231451	HHFARM	687	1050001231460	LIGHTSOURCE SPV9 LIMITED C/O LIGHTSOURCE ASSET MANAGEMENT LIMITED	0.490	9.48	1.80	1.80		569.08	0.05	0.05
HOBACK	517	1050000708514	HOBACK	770	1050000698405	HOBACK SOLAR LIMITED	0.005	4.65	3.48	3.48		859.75	0.05	0.05
HOLTON	547	1050000769118	HOLTON	662	1050000769127	BERNARD MATTHEWS GREEN ENERGY HALESWORTH LIMITED	0.062	11.38	2.08	2.08		455.25	0.05	0.05
HONYSM	548	1050001036670	HONYSM	663	1050001036689	HONEYSOME ROAD SOLAR LIMITED	0.328	11.34	1.98	1.98		567.22	0.05	0.05
HRLWDC	771	1050001003372 1050001003381 1050001003390				HARLOW OPERATIONS LIMITED		7,354.14	2.30	2.30				
HRMT_B	569	1050001324390	HRMT_B	686	1050001324405	HERMITAGE SOLAR PARK LTD		148.55	0.94	0.94		148.55	0.05	0.05
HRMT_P	569	1050001324414	HRMT_P	686	1050001324423	HERMITAGE SOLAR PARK LTD		5.83	1.74	1.74		291.28	0.05	0.05
HRSFEN	796	1050001041642	HRSFEN	689	1050001041651	PRETORIA ENERGY COMPANY (MEPAL) LIMITED		38.32	2.46	2.46	-0.083	3,831.54	0.05	0.05
HTFD_L	820	1014569896484				HAYWARD TYLER LIMITED	0.478	1,301.19	2.51	2.51				
HYDESF	518	1050000759713	HYDESF	450	1050000759722	MTS RYDON SOLAR LIMITED	0.252	11.98	2.47	2.47		1,077.76	0.05	0.05
ICGLTD	866	1030075706342				INDUSTRIAL CHEMICALS LIMITED		947.65	1.97	1.97				
INFSSE	604	1099000001162 1099000001171				SOUTHERN ELECTRIC POWER DISTRIBUTION PLC		2,857.54	1.62	1.62				
JKSLNE	519	1050000556055	JKSLNE	451	1050000556046	JACKS LANE ENERGY LTD	0.016	26.56	1.90	1.90		3,984.13	0.05	0.05
KLYN33	616	MSID: 7044				CENTRICA KL LIMITED	0.007	257.99	1.66	1.66				
KNGSLN	601	MSID: 7044				CENTRICA KL LIMITED		26.09	1.63	1.63				
KNNING	520	1050000823458	KNNING	452	1050000823467	SOLAR DIVIDEND LIMITED	0.690	4.48	6.47	6.47		537.57	0.05	0.05
LAKENH	771	1023504932800				MINISTRY OF DEFENCE	1.008	179.86	8.35	8.35				
LBARPS	824	1014572529986				RWE GENERATION UK PLC	0.025	257.99	1.14	1.14				
LBCO_L	771	1023479820941 1014568411606				HANSON QUARRY PRODUCTS EUROPE LIMITED	0.006	1,289.29	1.35	1.35				
LBZSNS	549	1050000687486	LBZSNS	664	1050000687495	UK POWER NETWORKS	5.328	134.89	1.42	1.42	-5.529	134.89	0.05	0.05
LCKFRD	886	1050000578704	LCKFRD	760	1050000578699	LACKFORD ESTATE SOLAR PARK LIMITED	0.098	1.65	4.03	4.03		824.47	0.05	0.05
LDAHSF	536	1030083806024	LDAHSF	468	1030083805795	HURSTI SPV1 LIMITED	0.035	5.85	2.48	2.48		557.07	0.05	0.05
LEICSQ	550	1050001008681	LEICSQ	665	1050001008690	SOUTH CREAKE SOLAR COMPANY LIMITED C/O LIGHTSOURCE ASSET MANAGEMENT LIMITED		11.48	1.95	1.95		2,640.28	0.05	0.05
LEXHSF	889	1030083805563	LEXHSF	763	1030083805331	CLARAMOND SOLAR SPV1 LTD	0.010	6.77	1.61	1.61		644.82	0.05	0.05
LNGFRD	521	1050000698283	LNGFRD	453	1050000698247	LANGFORD SOLAR LIMITED		14.15	3.41	3.41		2,475.56	0.05	0.05
LNGHO2	523	1050000802936	LNGHO2	455	1050000802945	PUSH ENERGY (LANGENHOE) LIMITED	0.194	23.06	1.72	1.72		1,014.52	0.05	0.05
LNGHOE	522	1050000774109	LNGHOE	454	1050000774118	PUSH ENERGY (LANGENHOE) LIMITED	0.184	34.21	1.77	1.77		1,003.37	0.05	0.05
LONWST	826	1023497360519				LONDON WASTE LTD		162.65	1.13	1.13				

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LS&E_N	823	1023477604661 1014568599280				A T B LAURENCE SCOTT LTD		1,559.17	1.57	1.57				
LU_FIN	825	1023478728447 1023478728907				TFL LONDON UNDERGROUND (BSP)	0.339	515.97	2.31	2.31				
LU_MHO	864	1030059686387 1030060990025 1030060990257 1030060990489				TFL LONDON UNDERGROUND (BSP)		46,537.92	2.32	2.32				
LU_NEA	798	1050000907391 1050000907407 1050000907416 1050000907443				TFL LONDON UNDERGROUND (BSP)		49,935.07	3.33	3.33				
LWRNCE	551	1050001008645	LWRNCE	667	1050001008636	LIGHTSOURCE SPV180 LIMITED C/O LIGHTSOURCE ASSET MANAGEMENT LIMITED	4.837	18.02	2.29	2.29		1,801.95	0.05	0.05
LYONSH	572	1050001205345	LYONSH	688	1050001205354	PUSH ENERGY KENTISHES LTD		2.70	2.00	2.00		588.90	0.05	0.05
MANFRM	552	1050000961361	MANFRM	668	1050000961370	PS MANOR FARM SOLAR LIMITED	0.283	15.74	5.80	5.80		3,421.19	0.05	0.05
MANORF	524	1050000843640	MANORF	456	1050000843659	LIGHTSOURCE SPV106 LIMITED C/O LIGHTSOURCE ASSET MANAGEMENT LIMITED	0.001	49.68	1.71	1.71		727.09	0.05	0.05
MDLWCK	892	1050000543223	MDLWCK	797	1050000543241	MIDDLEWICK WIND FARM LTD	0.013	39.36	1.86	1.86		5,431.81	0.05	0.05
MDWFRM	891	1050000589956	MDWFRM	765	1050000579266	LIGHTSOURCE SPV53 LIMITED		3.59	2.80	2.80		358.72	0.05	0.05
MELBRN	537	1050000810928	MELBRN	469	1050000810937	MELBOURN SOLAR LIMITED		8.77	2.10	2.10		789.34	0.05	0.05
MILLDR	573	1050001197855	MILLDR	690	1050001197846	CAMBRIDGESHIRE COUNTY COUNCIL		15.23	1.49	1.49		761.54	0.05	0.05
MILLFM	574	1050001261465	MILLFM	691	1050001261429	PUSH ENERGY (MILL FARM) LIMITED	3.799	13.31	2.55	2.55		1,064.43	0.05	0.05
MINGAY	893	1050000574667	MINGAY	730	1050000574676	LIGHTSOURCE MINGAY FARM LIMITED		3.57	2.73	2.73		535.87	0.05	0.05
MLLFLD	796	1050001060050	MLLFLD	669	1050001060060	MILLFIELD SOLAR FARM	0.253	2.49	2.48	2.48		620.62	0.05	0.05
MLVLCM	771	1030062915127				ANGLIA FARMERS LTD	0.041	89.93	1.21	1.21				
MNBRNZ	771	1014572268249 1023498487971				BOLTON AEROSPACE LTD		1,289.29	2.82	2.82				
MOWLEM	575	1050001054233	MOWLEM	692	1050001054242	UK POWER RESERVE MOWLEM		23.33	1.25	1.25		933.19	0.05	0.05
MSDHOD	828	1023533706269 1023533706490				PHARMARON UK LIMITED		3,332.61	3.25	3.25				
NEVEDN	796			797			0.400	439.07	1.99	1.99	-0.470	439.07	0.05	0.05
NEWHOL	807	1014569560220				CNH UK LIMITED	0.399	4,688.77	2.27	2.27				
NEWSIL	829	1030022814396 1030022814856 1030022815089 1030022814624				NEWS UK & IRELAND LIMITED		359.71	1.70	1.70				
NEWTON	553	1050001042238	NEWTON	670	1050001042229	RFE GEN CO LIMITED	0.071	1.49	3.15	3.15		597.93	0.05	0.05
NNFKSF	894	1050000599909	NNFKSF	731	1050000599893	LUMICITY 1 LTD	0.025	6.75	17.22	17.22		1,002.13	0.05	0.05
NR_BAS	840	1023478020044				NETWORK RAIL INFRASTRUCTURE LIMITED		6,927.63	3.52	3.52				
NR_COL	842	1014572898446 1030076303426	NR_COL	720	1023545945047 1030077668707	NETWORK RAIL INFRASTRUCTURE LIMITED	0.016	5,443.14	5.18	5.18		1,484.49	0.05	0.05
NR_CRW	843	1014572578742				NETWORK RAIL INFRASTRUCTURE LIMITED	0.002	6,411.66	7.87	7.87				
NR_GRA	844	1014573096936				NETWORK RAIL INFRASTRUCTURE LIMITED		3,205.83	3.31	3.31				
NR_HOR	845	1014572986535				NETWORK RAIL INFRASTRUCTURE LIMITED		3,463.82	5.56	5.56				
NR_KNG	846	1014572901666				NETWORK RAIL INFRASTRUCTURE LIMITED		3,463.82	2.45	2.45				
NR_LBR	847	1014572780683				NETWORK RAIL INFRASTRUCTURE LIMITED		9,577.13	2.45	2.45				
NR_MAN	848	1014572821160				NETWORK RAIL INFRASTRUCTURE LIMITED		3,463.82	3.96	3.96				
NR_MIL	849	1014573017580				NETWORK RAIL INFRASTRUCTURE LIMITED		7,706.82	3.84	3.84				
NR_NRW	850	1014572876363				NETWORK RAIL INFRASTRUCTURE LIMITED		3,205.83	4.10	4.10				
NR_PET	851	1014573170075				NETWORK RAIL INFRASTRUCTURE LIMITED	0.002	3,205.83	4.44	4.44				
NR_RAY	852	1014573010682				NETWORK RAIL INFRASTRUCTURE LIMITED		6,669.65	3.07	3.07				
NR_RYE	853	1014572632104				NETWORK RAIL INFRASTRUCTURE LIMITED		6,927.63	2.66	2.66				
NR_SED	855	1014572682017				NETWORK RAIL INFRASTRUCTURE LIMITED		6,411.66	4.28	4.28				
NR_SHN	854	1023478597119				NETWORK RAIL INFRASTRUCTURE LIMITED	0.002	6,927.63	3.50	3.50				
NR_SPR	856	1014572602660				NETWORK RAIL INFRASTRUCTURE LIMITED		6,927.63	5.78	5.78				
NR_STW	857	1014572719730				NETWORK RAIL INFRASTRUCTURE LIMITED	0.019	6,411.66	4.77	4.77				
NR_SUN	858	1014572853366				NETWORK RAIL INFRASTRUCTURE LIMITED		8,190.52	2.41	2.41				
NR_TOT	859	1014573142245				NETWORK RAIL INFRASTRUCTURE LIMITED		6,927.63	2.60	2.60				
NR_UGL	860	1014573113954				NETWORK RAIL INFRASTRUCTURE LIMITED		3,205.83	3.74	3.74				
NR_WEL	861	1014572501466				NETWORK RAIL INFRASTRUCTURE LIMITED		6,927.63	5.60	5.60				
NRAUTH	771	1014572907871 1023484600573				NATIONAL RIVERS AUTHORITY		179.86	3.03	3.03				

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NVASCT	890	1050000588206	NVASCT	764	1050000588215	EQUITIX SOLAR (4) LIMITED	13.019	28.16	2.12	2.12		513.89	0.05	0.05
NYSEIB	771	1030062357839 1030062357607				IMPERIUM CENTRE LIMITED	0.402	5,241.03	1.95	1.95				
OLDAIR	525	1050000890756	OLDAIR	457	1050000890765	OLD AIRFIELD SOLAR	0.405	13.12	1.63	1.63		244.87	0.05	0.05
OULTON	554	1050001028544	OULTON	671	1050001028553	OULTON SOLAR LIMITED	0.023	2.30	14.22	14.22		255.69	0.05	0.05
OUTWDS	576	1050001054190	OUTWDS	672	1050001054206	RFE GEN CO LIMITED	0.402	5.34	1.67	1.67		961.81	0.05	0.05
PBPS_2	798	1050001368323	PBPS_2	799	1050001368332	CENTRICA DISTRIBUTED GENERATION LTD		6.51	1.47	1.47		624.93	0.05	0.05
PICKEN	830	1030030431071				NORTH PICKENHAM WINDFARM LLP	0.156	6.76	1.24	1.24				
PLMPPR	831	1030062872341 1030062872573	PLMPPR	799	1050001450466 1050001450475	PALM PAPER LIMITED	0.326	1,526.13	3.35	3.35	-0.313	847.85	0.05	0.05
PLYTRS	577	1050000903165	PLYTRS	693	1050000903174	PLAYTERS SOLAR LIMITED	0.068	23.16	1.97	1.97		2,315.60	0.05	0.05
POBAIL	565	1050001118598	POBAIL	797	1050001118490	ALCOR LSPV LTD		5.11	1.88	1.88		510.86	0.05	0.05
PP_COR	832	1014569523654				CORYTON ASSET LIMITED		1,031.95	2.17	2.17				
PRECIS	771	1014572632790 1015685836242				BOURNS LIMITED	1.031	179.86	8.17	8.17				
PRHMSF	895	1030085099084	PRHMSF	777	1030085040202	GG RENEWABLES LIMITED	2.118	7.09	11.48	11.48		2,125.84	0.05	0.05
PRMFDS	771	1014572860726 1023479474560				DANIELS CHILLED FOODS LTD	1.497	179.86	6.41	6.41				
PTRBRO	602	MSID: 7006	PTRBRO	610	MSID: 7006	CENTRICA PB LIMITED		19.52	1.51	1.51		1,874.81	0.05	0.05
QNETIC	771	1014572722956				QINETIQ LIMITED	0.004	89.93	3.00	3.00				
QRRNDN	526	1050000768550	QRRNDN	458	1050000768693	AWE RENEWABLES LIMITED	1.698	34.31	6.65	6.65		1,029.34	0.05	0.05
RAF_AL	771	1014572929954				MINISTRY OF DEFENCE	0.990	1,199.36	5.55	5.55				
RAINHM	862	1023487353212 1023487352751				NON FOSSIL PURCHASING AGENCY	0.820	23.25	1.79	1.79				
RANDCS	555	1050001041962	RANDCS	673	1050001041935	ROSE & CROWN SOLAR FARM		5.62	3.15	3.15		1,292.75	0.05	0.05
RANJAC	771	1014712345991				RANSOMES JACOBSEN LIMITED	0.124	89.93	3.10	3.10				
RANSON	834	1030034117745				CEMG		2.50	1.65	1.65				
REDTI1	815	1030037720697 1030037258165	REDTI1	708	1030037258397 1030037258625	FENLAND WINDFARMS LIMITED	0.132	155.14	2.71	2.71		8,083.63	0.05	0.05
REYDON	896	1050000612816	REYDON	776	1050000612807	AURUM SOLAR BODMIN LIMITED	0.039	3.53	2.85	2.85		564.60	0.05	0.05
RMSYSF	556	1050001036651	RMSYSF	674	1050001036660	RAMSEY SOLAR LIMITED	0.355	206.06	1.87	1.87		2,549.98	0.05	0.05
RMWFII	557	1050000811220	RMWFII	675	1050000811230	RAMSEY II LTD	0.114	9.59	1.63	1.63		767.18	0.05	0.05
RNDMHS	771	1014571768453				THE RANDOM HOUSE GROUP LIMITED	0.040	89.93	1.93	1.93				
ROOKRY	558	1050001028465	ROOKRY	676	1050001028474	ROOKERY SOLAR LIMITED	1.845	5.89	1.69	1.69		252.09	0.05	0.05
ROYSTN	559	1050000996105	ROYSTN	677	1050000996114	ROYSTON SOLAR PROJECT LIMITED		4.80	3.54	3.54		719.81	0.05	0.05
RPRLTD	771	1014569969627				LONDONEAST-UK LIMITED	0.877	179.86	2.46	2.46				
SALHSE	796	1050000946025	SALHSE	678	1050000946034	SALHOUSE SOLAR LIMITED	0.288	9.18	4.93	4.93		764.78	0.05	0.05
SCMOOR	578	1050001073468 1050001073342 1050001073412 1050001073440 1050001073459	SCMOOR	694	1050001073500 1050001073510 1050001073529 1050001073538 1050001073547	SCOTTOW MOOR SOLAR LIMITED	0.050	60.79	5.45	5.45		3,039.50	0.05	0.05
SCROBY	836	1023545564889				SCROBY SANDS GENERATION	0.280	20.54	1.86	1.86				
SCTTOW	527	1050000841935	SCTTOW	459	1050000841971	SCOTTOW MOOR SOLAR LIMITED	0.139	43.92	3.69	3.69		1,515.25	0.05	0.05
SEN1&2	612	1099000000372 1099000000381				SOUTHERN ELECTRIC POWER DISTRIBUTION PLC		3,071.40	2.22	2.22				
SFKEFW	502	1050000628009	SFKEFW	470	1050000628018	SITA UK		765.14	1.70	1.70	-0.260	5,313.48	0.05	0.05
SHELL_	837	1030083272428 1050001161751				LONDON GATEWAY PORT LTD	2.416	515.97	2.06	2.06				
SHERSH	613	MSID: 7234	SHERSH	611	MSID: 7234	SCIRA OFFSHORE ENERGY LIMITED		453.69	1.31	1.31		1,253.64	0.05	0.05
SNTBRE	579	1050001084200	SNTBRE	695	1050001084229	BWSC EAST ANGLIA LIMITED	2.423	1,068.26	1.94	1.94	-2.784	12,819.10	0.05	0.05
SPRIGS	897	1050000540019	SPRIGS	778	1050000540028	SPRIGGS SOLAR LIMITED	0.278	3.82	3.44	3.44		916.19	0.05	0.05
STAGSH	838	1030037478730	STAGSH	717	1030037478509	EON RENEWABLES		186.02	1.17	1.17		3,720.35	0.05	0.05
STANS2	802	1030047519845 1030047520070				STANSTED AIRPORT LIMITED	0.018	15,115.13	2.74	2.74				
STANS3	801	1015685338293				STANSTED AIRPORT LIMITED	0.430	179.86	2.71	2.71				
STMFRD	606	MSID: 2035				UK POWER NETWORKS			4.12	4.12				
STNPTS	581	1050001232428	STNPTS	697	1050001232437	THAME SOLAR FARM LTD	0.123	3.72	1.99	1.99		668.74	0.05	0.05
STOSTH	528	1050000783238	STOSTH	460	1050000759740	CHISBORN SOLAR FARM LTD	0.048	10.87	2.14	2.14		1,304.71	0.05	0.05
STRTHL	500	1050000563372	STRTHL	775	1050000563381	C/O OCTOPUS INVESTMENTS LIMITED	0.037	2.48	7.62	7.62		542.18	0.05	0.05
STWBRG	898	1050000613847	STWBRG	732	1050000613856	STOWBRIDGE SOLAR 1 LIMITED		5.91	2.88	2.88		1,240.31	0.05	0.05
SWNLND	580	1050001290011	SWNLND	696	1050001290020	SWANLAND ROAD SOLAR LTD	3.251	7.42	1.52	1.52		607.65	0.05	0.05

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TILBEM	833	1030082588170 1050000414848 1050000423105				FORTH PORTS PLC	0.061	0.00	0.00	0.00				
TILBUR	833	1023478133661 1023525729172 1023525728718	TILBUR	733	1030084129409 1030084129630 1030084129862	FORTH PORTS PLC	0.061	2,394.25	3.53	3.53		786.68	0.05	0.05
TILGRN	582	1050001109352	TILGRN	799	MSID: 7323	TILBURY GREEN POWER BIOMASS PLANT	0.408	1,970.36	1.52	1.52	-0.561	16,590.41	0.05	0.05
TOGGAM	560	1050001059393	TOGGAM	679	1050001059384	FOREST HEATH DISTRICT COUNCIL	1.008	36.45	2.11	2.11		3,867.10	0.05	0.05
TOOLEY	561	1050000903217	TOOLEY	680	1050000903226	TOOLEYS FARM	0.380	17.28	4.10	4.10		863.82	0.05	0.05
TRNCLE	583	1050001078642	TRNCLE	698	1050001078651	TURNCOLE WIND FARM LIMITED		99.31	1.29	1.29		9,228.88	0.05	0.05
UB_EYE	771	1014573052317 1023470683505				BIRDS EYE LIMITED	0.250	179.86	4.41	4.41				
UBS_UK	771	1030065428330 1030065428562				MATTERHORN CAPITAL DC CHESHAM S.A.R.L	0.173	5,522.69	1.21	1.21				
UKPRST	584	1050001052193	UKPRST	699	1050001052184	UK POWER RESERVE EASTMAN WAY	0.252	6.29	2.35	2.35	-0.320	251.69	0.05	0.05
VINESF	562	1050000996141	VINESF	681	1050000996150	VINE FARM SOLAR		54.62	4.16	4.16		21,846.87	0.05	0.05
VXHALL	771	1014571158953 1014571159186 1014571159414 1014571158721				GENERAL MOTORS UK LIMITED	0.942	4,797.44	4.43	4.43				
WAIRWF	501	1050000529637	WAIRWF	779	1050000529664	BERNARD MATTHEWS WIND FARM (WESTON) LLP	0.084	16.25	3.48	3.48		893.74	0.05	0.05
WARNER	771	1030076325049 1030076325270				WARNER BROS. STUDIOS LEAVESDEN LIMITED	0.029	4,972.31	6.17	6.17				
WDLWWF	867	1030078016464	WDLWWF	742	1030078016924	WADLOW ENERGY LIMITED		4.03	2.25	2.25		669.15	0.05	0.05
WDLWWW	867	1030078016696	WDLWWW	742	1030078017157	WADLOW ENERGY LIMITED	0.037	4.71	1.49	1.49		666.91	0.05	0.05
WHMLWF	868	1030079196591	WHMLWF	743	1030079196820	WHITE MILL WINDFARM LIMITED		79.80	1.48	1.48		2,942.66	0.05	0.05
WIGGIN	529	1050000769145	WIGGIN	461	1050000769154	C/O OCTOPUS INVESTMENTS LIMITED	0.183	12.86	2.62	2.62		1,285.52	0.05	0.05
WILLIA	819	1030027859903				METAL & WASTE RECYCLING LTD		1,191.24	2.05	2.05				
WLBRHM	530	1050000714155	WLBRHM	462	1050000714164	GREAT WILBRAHAM SOLAR PARK LIMITED	0.127	9.54	10.05	10.05		5,722.43	0.05	0.05
WOOLLY	532	1050000555920	WOOLLY	464	1050000555910	WOOLLEY HILL ELECTRICAL ENERGY LIMITED	0.473	56.72	4.90	4.90		5,672.43	0.05	0.05
WRGSTE	839	1023479303448				INFINIS ENERGY SERVICES LIMITED	0.009	96.51	1.16	1.16				
WRYDEC	563	1050000948110	WRYDEC	682	1050000948120	WRYDE CROFT WIND FARM LTD		22.45	1.77	1.77		5,838.21	0.05	0.05
WSBRDG	531	1050000650690	WSBRDG	463	1050000650680	PUSH ENERGY (WISBRIDGE) LTD	0.471	8.50	7.73	7.73		679.61	0.05	0.05
WSTNLV	538	1050000811596	WSTNLV	471	1050000811601	WESTON LONGVILLE G1 SOLAR FARM LIMITED	0.084	9.75	3.98	3.98		714.86	0.05	0.05
WTRLOO	533	1050000769163	WTRLOO	465	1050000769172	C/O OCTOPUS INVESTMENTS LIMITED		6.92	3.39	3.39		691.62	0.05	0.05
WWYNDC	863	1030059750786 1030059751015				COLT TECHNOLOGY SERVICES		20,051.48	5.00	5.00				

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 - Charges for use of the Distribution System to Preserved/Additional LLFC Classes

Eastern Power Networks - Effective from 1 April 2020 - Final LV and HV tariffs									
NHH preserved charges/additional LLFCs									
	Closed LLFCs	PCs	Unit charge 1 (NHH) p/kWh	Unit charge 2 (NHH) p/kWh	Fixed charge p/MPAN/day				
Notes:	Eastern Power Networks has no Preserved NHH Tariffs/Additional LLFC classes								

HH preserved charges/additional LLFCs									
	Closed LLFCs	PCs	Red/black charge (HH) p/kWh	Amber/yellow charge (HH) p/kWh	Green charge (HH) p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh
Notes:	Eastern Power Networks has no Preserved HH Tariffs/Additional LLFC classes								

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

Eastern Power Networks - Effective from 1 April 2020 - Final LDNO tariffs

Time Bands for Half Hourly Metered Properties

Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) All Year	16:00 - 19:00	07:00 - 16:00 19:00 - 23:00	00:00 - 07:00 23:00 - 24:00
Saturday and Sunday All Year			00:00 - 24:00
Notes	All times are in UK Clock time		

Time Bands for Half Hourly Unmetered Properties

	Black Time Band	Yellow Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:00 - 19:00	07:00 - 16:00 19:00 - 23:00	00:00 - 07:00 23:00 - 24:00
Monday to Friday (Including Bank Holidays) March to October Inclusive		07:00 - 23:00	00:00 - 07:00 23:00 - 24:00
Saturday and Sunday All Year			00:00 - 24:00
Notes	All times are in UK Clock time		

Tariff name	Unique billing identifier	PCs	Unit charge 1 (NHH) or red/black charge (HH) p/kWh	Unit charge 2 (NHH) or amber/yellow charge (HH) p/kWh	Green charge(HH) p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh
LDNO LV: Domestic Unrestricted		1	1.510			3.33			
LDNO LV: Domestic Two Rate		2	1.947	0.124		3.33			
LDNO LV: Domestic Off Peak (related MPAN)		2	0.167						
LDNO LV: Small Non Domestic Unrestricted		3	1.163			3.33			
LDNO LV: Small Non Domestic Two Rate		4	1.412	0.110		3.33			
LDNO LV: Small Non Domestic Off Peak (related MPAN)		4	0.213						
LDNO LV: LV Medium Non-Domestic		5-8	1.529	0.098		35.47			
LDNO LV: LV Network Domestic		0	10.517	0.334	0.093	3.33			
LDNO LV: LV Network Non-Domestic Non-CT		0	9.035	0.295	0.087	3.73			
LDNO LV: LV HH Metered		0	6.744	0.216	0.076	8.78	2.50	5.20	0.217
LDNO LV: NHH UMS category A		8	1.458						
LDNO LV: NHH UMS category B		1	2.025						
LDNO LV: NHH UMS category C		1	3.351						
LDNO LV: NHH UMS category D		1	1.088						
LDNO LV: LV UMS (Pseudo HH Metered)		0	28.202	0.774	0.537				
LDNO LV: LV Generation NHH or Aggregate HH		8 or 0	-0.983			0.00			
LDNO LV: LV Generation Intermittent		0	-0.983			0.00			0.289
LDNO LV: LV Generation Non-Intermittent		0	-9.667	-0.259	-0.036	0.00			0.289
LDNO HV: Domestic Unrestricted		1	1.132			2.50			
LDNO HV: Domestic Two Rate		2	1.460	0.093		2.50			
LDNO HV: Domestic Off Peak (related MPAN)		2	0.125						
LDNO HV: Small Non Domestic Unrestricted		3	0.872			2.50			
LDNO HV: Small Non Domestic Two Rate		4	1.059	0.083		2.50			
LDNO HV: Small Non Domestic Off Peak (related MPAN)		4	0.160						
LDNO HV: LV Medium Non-Domestic		5-8	1.147	0.073		26.60			
LDNO HV: LV Network Domestic		0	7.886	0.251	0.070	2.50			
LDNO HV: LV Network Non-Domestic Non-CT		0	6.775	0.221	0.066	2.80			
LDNO HV: LV HH Metered		0	5.057	0.162	0.057	6.58	1.88	3.90	0.163
LDNO HV: LV Sub HH Metered		0	5.451	0.165	0.074	5.74	3.97	5.22	0.160
LDNO HV: HV HH Metered		0	4.920	0.149	0.077	87.81	3.65	5.14	0.143
LDNO HV: NHH UMS category A		8	1.093						
LDNO HV: NHH UMS category B		1	1.519						
LDNO HV: NHH UMS category C		1	2.513						
LDNO HV: NHH UMS category D		1	0.816						
LDNO HV: LV UMS (Pseudo HH Metered)		0	21.148	0.581	0.403				
LDNO HV: LV Generation NHH or Aggregate HH		8 or 0	-0.983			0.00			
LDNO HV: LV Sub Generation NHH		8	-0.869			0.00			
LDNO HV: LV Generation Intermittent		0	-0.983			0.00			0.289
LDNO HV: LV Generation Non-Intermittent		0	-9.667	-0.259	-0.036	0.00			0.289
LDNO HV: LV Sub Generation Intermittent		0	-0.869			0.00			0.255
LDNO HV: LV Sub Generation Non-Intermittent		0	-8.618	-0.217	-0.029	0.00			0.255
LDNO HV: HV Generation Intermittent		0	-0.621			0.00			0.207
LDNO HV: HV Generation Non-Intermittent		0	-6.343	-0.120	-0.014	0.00			0.207
LDNO HVplus: Domestic Unrestricted		1	0.996			2.20			
LDNO HVplus: Domestic Two Rate		2	1.284	0.082		2.20			
LDNO HVplus: Domestic Off Peak (related MPAN)		2	0.110						
LDNO HVplus: Small Non Domestic Unrestricted		3	0.767			2.20			

Note: Where a tariff only has a p/kWh unit rate in Unit Charge 1 then this unit rate applies at all times.

Tariff name	Unique billing identifier	PCs	Unit charge 1 (NHH) or red/black charge (HH) p/kWh	Unit charge 2 (NHH) or amber/yellow charge (HH) p/kWh	Green charge(HH) p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh
LDNO HVplus: Small Non Domestic Two Rate		4	0.931	0.073		2.20			
LDNO HVplus: Small Non Domestic Off Peak (related MPAN)		4	0.141						
LDNO HVplus: LV Medium Non-Domestic		5-8	1.009	0.064		23.40			
LDNO HVplus: LV Sub Medium Non-Domestic		5-8	0.761	0.072		4.96			
LDNO HVplus: HV Medium Non-Domestic		5-8	0.548	0.066		75.43			
LDNO HVplus: LV Network Domestic		0	6.937	0.221	0.061	2.20			
LDNO HVplus: LV Network Non-Domestic Non-CT		0	5.960	0.195	0.058	2.46			
LDNO HVplus: LV HH Metered		0	4.448	0.143	0.050	5.79	1.65	3.43	0.143
LDNO HVplus: LV Sub HH Metered		0	4.715	0.143	0.064	4.96	3.44	4.51	0.138
LDNO HVplus: HV HH Metered		0	4.226	0.128	0.066	75.43	3.14	4.41	0.122
LDNO HVplus: NHH UMS category A		8	0.962						
LDNO HVplus: NHH UMS category B		1	1.336						
LDNO HVplus: NHH UMS category C		1	2.210						
LDNO HVplus: NHH UMS category D		1	0.718						
LDNO HVplus: LV UMS (Pseudo HH Metered)		0	18.602	0.511	0.354				
LDNO HVplus: LV Generation NHH or Aggregate HH		8	-0.652			0.00			
LDNO HVplus: LV Sub Generation NHH		8	-0.637			0.00			
LDNO HVplus: LV Generation Intermittent		0	-0.652			0.00			0.192
LDNO HVplus: LV Generation Non-Intermittent		0	-6.416	-0.172	-0.024	0.00			0.192
LDNO HVplus: LV Sub Generation Intermittent		0	-0.637			0.00			0.187
LDNO HVplus: LV Sub Generation Non-Intermittent		0	-6.318	-0.159	-0.021	0.00			0.187
LDNO HVplus: HV Generation Intermittent		0	-0.621			9.02			0.207
LDNO HVplus: HV Generation Non-Intermittent		0	-6.343	-0.120	-0.014	9.02			0.207
LDNO EHV: Domestic Unrestricted		1	0.773			1.71			
LDNO EHV: Domestic Two Rate		2	0.997	0.063		1.71			
LDNO EHV: Domestic Off Peak (related MPAN)		2	0.085						
LDNO EHV: Small Non Domestic Unrestricted		3	0.596			1.71			
LDNO EHV: Small Non Domestic Two Rate		4	0.723	0.056		1.71			
LDNO EHV: Small Non Domestic Off Peak (related MPAN)		4	0.109						
LDNO EHV: LV Medium Non-Domestic		5-8	0.783	0.050		18.17			
LDNO EHV: LV Sub Medium Non-Domestic		5-8	0.591	0.056		3.85			
LDNO EHV: HV Medium Non-Domestic		5-8	0.425	0.051		58.56			
LDNO EHV: LV Network Domestic		0	5.386	0.171	0.048	1.71			
LDNO EHV: LV Network Non-Domestic Non-CT		0	4.627	0.151	0.045	1.91			
LDNO EHV: LV HH Metered		0	3.454	0.111	0.039	4.50	1.28	2.66	0.111
LDNO EHV: LV Sub HH Metered		0	3.661	0.111	0.049	3.85	2.67	3.50	0.107
LDNO EHV: HV HH Metered		0	3.281	0.099	0.051	58.56	2.44	3.43	0.095
LDNO EHV: NHH UMS category A		8	0.747						
LDNO EHV: NHH UMS category B		1	1.037						
LDNO EHV: NHH UMS category C		1	1.716						
LDNO EHV: NHH UMS category D		1	0.557						
LDNO EHV: LV UMS (Pseudo HH Metered)		0	14.442	0.396	0.275				
LDNO EHV: LV Generation NHH or Aggregate HH		8	-0.507			0.00			
LDNO EHV: LV Sub Generation NHH		8	-0.495			0.00			
LDNO EHV: LV Generation Intermittent		0	-0.507			0.00			0.149
LDNO EHV: LV Generation Non-Intermittent		0	-4.982	-0.133	-0.019	0.00			0.149
LDNO EHV: LV Sub Generation Intermittent		0	-0.495			0.00			0.145
LDNO EHV: LV Sub Generation Non-Intermittent		0	-4.905	-0.124	-0.017	0.00			0.145
LDNO EHV: HV Generation Intermittent		0	-0.482			7.00			0.161
LDNO EHV: HV Generation Non-Intermittent		0	-4.925	-0.093	-0.011	7.00			0.161
LDNO 132kV/EHV: Domestic Unrestricted		1	0.593			1.31			
LDNO 132kV/EHV: Domestic Two Rate		2	0.764	0.049		1.31			
LDNO 132kV/EHV: Domestic Off Peak (related MPAN)		2	0.065						
LDNO 132kV/EHV: Small Non Domestic Unrestricted		3	0.456			1.31			
LDNO 132kV/EHV: Small Non Domestic Two Rate		4	0.554	0.043		1.31			
LDNO 132kV/EHV: Small Non Domestic Off Peak (related MPAN)		4	0.084						
LDNO 132kV/EHV: LV Medium Non-Domestic		5-8	0.600	0.038		13.92			
LDNO 132kV/EHV: LV Sub Medium Non-Domestic		5-8	0.453	0.043		2.95			
LDNO 132kV/EHV: HV Medium Non-Domestic		5-8	0.326	0.039		44.89			
LDNO 132kV/EHV: LV Network Domestic		0	4.128	0.131	0.036	1.31			

Note: Where a tariff only has a p/kWh unit rate in Unit Charge 1 then this unit rate applies at all times.

Tariff name	Unique billing identifier	PCs	Unit charge 1 (NHH) or red/black charge (HH) p/kWh	Unit charge 2 (NHH) or amber/yellow charge (HH) p/kWh	Green charge(HH) 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: LV Network Non-Domestic Non-CT		0	3.547	0.116	0.034	1.46			
LDNO 132kV/EHV: LV HH Metered		0	2.647	0.085	0.030	3.45	0.98	2.04	0.085
LDNO 132kV/EHV: LV Sub HH Metered		0	2.806	0.085	0.038	2.95	2.05	2.69	0.082
LDNO 132kV/EHV: HV HH Metered		0	2.515	0.076	0.039	44.89	1.87	2.63	0.073
LDNO 132kV/EHV: NHH UMS category A		8	0.572						
LDNO 132kV/EHV: NHH UMS category B		1	0.795						
LDNO 132kV/EHV: NHH UMS category C		1	1.315						
LDNO 132kV/EHV: NHH UMS category D		1	0.427						
LDNO 132kV/EHV: LV UMS (Pseudo HH Metered)		0	11.070	0.304	0.211				
LDNO 132kV/EHV: LV Generation NHH or Aggregate HH		8	-0.388			0.00			
LDNO 132kV/EHV: LV Sub Generation NHH		8	-0.379			0.00			
LDNO 132kV/EHV: LV Generation Intermittent		0	-0.388			0.00			0.114
LDNO 132kV/EHV: LV Generation Non-Intermittent		0	-3.818	-0.102	-0.014	0.00			0.114
LDNO 132kV/EHV: LV Sub Generation Intermittent		0	-0.379			0.00			0.111
LDNO 132kV/EHV: LV Sub Generation Non-Intermittent		0	-3.760	-0.095	-0.013	0.00			0.111
LDNO 132kV/EHV: HV Generation Intermittent		0	-0.370			5.37			0.123
LDNO 132kV/EHV: HV Generation Non-Intermittent		0	-3.775	-0.071	-0.008	5.37			0.123
LDNO 132kV: Domestic Unrestricted		1	0.416			0.92			
LDNO 132kV: Domestic Two Rate		2	0.537	0.034		0.92			
LDNO 132kV: Domestic Off Peak (related MPAN)		2	0.046						
LDNO 132kV: Small Non Domestic Unrestricted		3	0.321			0.92			
LDNO 132kV: Small Non Domestic Two Rate		4	0.389	0.030		0.92			
LDNO 132kV: Small Non Domestic Off Peak (related MPAN)		4	0.059						
LDNO 132kV: LV Medium Non-Domestic		5-8	0.422	0.027		9.78			
LDNO 132kV: LV Sub Medium Non-Domestic		5-8	0.318	0.030		2.08			
LDNO 132kV: HV Medium Non-Domestic		5-8	0.229	0.028		31.53			
LDNO 132kV: LV Network Domestic		0	2.900	0.092	0.026	0.92			
LDNO 132kV: LV Network Non-Domestic Non-CT		0	2.491	0.081	0.024	1.03			
LDNO 132kV: LV HH Metered		0	1.859	0.060	0.021	2.42	0.69	1.43	0.060
LDNO 132kV: LV Sub HH Metered		0	1.971	0.060	0.027	2.08	1.44	1.89	0.058
LDNO 132kV: HV HH Metered		0	1.767	0.053	0.028	31.53	1.31	1.84	0.051
LDNO 132kV: NHH UMS category A		8	0.402						
LDNO 132kV: NHH UMS category B		1	0.558						
LDNO 132kV: NHH UMS category C		1	0.924						
LDNO 132kV: NHH UMS category D		1	0.300						
LDNO 132kV: LV UMS (Pseudo HH Metered)		0	7.776	0.213	0.148				
LDNO 132kV: LV Generation NHH or Aggregate HH		8	-0.273			0.00			
LDNO 132kV: LV Sub Generation NHH		8	-0.266			0.00			
LDNO 132kV: LV Generation Intermittent		0	-0.273			0.00			0.080
LDNO 132kV: LV Generation Non-Intermittent		0	-2.682	-0.072	-0.010	0.00			0.080
LDNO 132kV: LV Sub Generation Intermittent		0	-0.266			0.00			0.078
LDNO 132kV: LV Sub Generation Non-Intermittent		0	-2.641	-0.067	-0.009	0.00			0.078
LDNO 132kV: HV Generation Intermittent		0	-0.260			3.77			0.087
LDNO 132kV: HV Generation Non-Intermittent		0	-2.651	-0.050	-0.006	3.77			0.087
LDNO 0000: Domestic Unrestricted		1	0.135			0.30			
LDNO 0000: Domestic Two Rate		2	0.174	0.011		0.30			
LDNO 0000: Domestic Off Peak (related MPAN)		2	0.015						
LDNO 0000: Small Non Domestic Unrestricted		3	0.104			0.30			
LDNO 0000: Small Non Domestic Two Rate		4	0.126	0.010		0.30			
LDNO 0000: Small Non Domestic Off Peak (related MPAN)		4	0.019						
LDNO 0000: LV Medium Non-Domestic		5-8	0.137	0.009		3.17			
LDNO 0000: LV Sub Medium Non-Domestic		5-8	0.103	0.010		0.67			
LDNO 0000: HV Medium Non-Domestic		5-8	0.074	0.009		10.23			
LDNO 0000: LV Network Domestic		0	0.941	0.030	0.008	0.30			
LDNO 0000: LV Network Non-Domestic Non-CT		0	0.808	0.026	0.008	0.33			
LDNO 0000: LV HH Metered		0	0.603	0.019	0.007	0.79	0.22	0.47	0.019
LDNO 0000: LV Sub HH Metered		0	0.640	0.019	0.009	0.67	0.47	0.61	0.019
LDNO 0000: HV HH Metered		0	0.573	0.017	0.009	10.23	0.43	0.60	0.017
LDNO 0000: NHH UMS category A		8	0.130						
LDNO 0000: NHH UMS category B		1	0.181						

Note: Where a tariff only has a p/kWh unit rate in Unit Charge 1 then this unit rate applies at all times.

Tariff name	Unique billing identifier	PCs	Unit charge 1 (NHH) or red/black charge (HH) p/kWh	Unit charge 2 (NHH) or amber/yellow charge (HH) p/kWh	Green charge(HH) p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Exceeded capacity charge p/kVA/day	Reactive power charge p/kVArh
LDNO 0000: NHH UMS category C		1	0.300						
LDNO 0000: NHH UMS category D		1	0.097						
LDNO 0000: LV UMS (Pseudo HH Metered)		0	2.523	0.069	0.048				
LDNO 0000: LV Generation NHH or Aggregate HH		8	-0.088			0.00			
LDNO 0000: LV Sub Generation NHH		8	-0.086			0.00			
LDNO 0000: LV Generation Intermittent		0	-0.088			0.00			0.026
LDNO 0000: LV Generation Non-Intermittent		0	-0.870	-0.023	-0.003	0.00			0.026
LDNO 0000: LV Sub Generation Intermittent		0	-0.086			0.00			0.025
LDNO 0000: LV Sub Generation Non-Intermittent		0	-0.857	-0.022	-0.003	0.00			0.025
LDNO 0000: HV Generation Intermittent		0	-0.084			1.22			0.028
LDNO 0000: HV Generation Non-Intermittent		0	-0.860	-0.016	-0.002	1.22			0.028

Note: Where a tariff only has a p/kWh unit rate in Unit Charge 1 then this unit rate applies at all times.

Annex 5 – 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.

Eastern Power Networks - Illustrative LLFs for year beginning 1 April 2020					
Time periods	**Period 1**	**Period 2**	**Period 3**	**Period 4**	**Period 5**
	Winter Peak	**Summer Peak**	**Winter Shoulder**	**Night**	**Other**
Monday to Friday November to February	16:00 - 19:59		07:00 - 15:59		
Monday to Friday June to August		07:00 - 19:59			
Monday to Friday March			07:00 - 19:59		
All Year				00:00 - 06:59	All Other Times
Notes	**All 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	Period 5	Associated LLFC
Low Voltage Network						
Low Voltage Substation						
High Voltage Network						
High Voltage Substation						
33kV Generic						
132kV Generic						

EHV site specific LLFs

Demand

LLFC	Site	Period 1	Period 2	Period 3	Period 4	Period 5
	Site 1					
	Site 2					
	Site 3					
	Site 4					
	Site 5					

EHV site specific LLFs

Generation

LLFC	Site	Period 1	Period 2	Period 3	Period 4	Period 5
	Site 1					
	Site 2					
	Site 3					
	Site 4					
	Site 5					

CVA site specific LLFs

MSID	Site	Period 1	Period 2	Period 3	Period 4	Period 5
	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).

Annex 6 - Charges for New or Amended Designated EHV Properties

Eastern Power Networks - Effective from 1 April 2020 - Final new designated EHV charges

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)
COMBRN	796	1050001662241	COMBRN	797	1050001662250	TCI RENEWABLES LIMITED	0.473	12.57	4.90	4.90		1,546.27	0.05	0.05
GOOSFM	796	1050001727953	GOOSFM	797	1050001727962	LIGHTSOURCE BP		12.23	2.13	2.13		2,139.61	0.05	0.05

Eastern Power Networks - Effective from 1 April 2020 - Final new designated EHV line loss factors

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	Import LLF period 5	Export LLF period 1	Export LLF period 2	Export LLF period 3	Export LLF period 4	Export LLF period 5

These line loss factors are illustrative based on the latest calculated values and are published in good faith. However, 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 will be used in Settlement if they differ from these values.

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.