

Western Power Distribution

(East Midlands) plc

Use of System Charging Statement

NOTICE OF CHARGES

Effective from 1st April 2016 to 31st March 2017

Version 1.0

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

Version Control

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1. Introduction

- 1.1. This statement tells you about our charges and the reasons behind them. It has been prepared to be consistent with Standard Licence Condition 14 of our Electricity Distribution Licence. The main purpose of this statement is to provide our schedule of charges¹ for the use of our Distribution System and to provide the schedule of adjustment factors² 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 Common Distribution Charging Methodology (CDCM) for Low Voltage and High Voltage (LV and HV) Designated Properties and the Extra-High Voltage (EHV) Distribution Charging Methodology (EDCM) for Designated EHV Properties.
- 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 premise 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.westernpower.co.uk.

¹ Charges can be positive or negative.

² Also known as Loss Adjustment Factors or Line Loss Factors

Validity period

- 1.8. This charging statement is valid for services provided between the effective from date and the effective to date stated on the front of the statement. The statement remains valid between those dates until updated by a revised version.
- 1.9. When using this charging statement care should be taken to ensure that the statement or statements relevant to the period 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.westernpower.co.uk.

Contact details

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

Income and Connections
Western Power Distribution
Avonbank
Feeder Rd
Bristol
BS2 0TB
Email: wpdpricing@westernpower.co.uk

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

Connection Policy Engineer
Western Power Distribution
Herald Way
East Midlands Airport
Castle Donington
DERBY
DE74 2TU
Email: wpdconnectionpolmids@westernpower.co.uk

- 1.13. For all other queries please contact our general enquiries telephone number: 0845 724 0240, lines are open 08:00 to 18:00 Monday to Friday

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.
- 2.2. We utilise two billing approaches depending on the type of metering data received. The 'Supercustomer' approach is used for Non-Half-Hourly (NHH) metered, NHH unmetered, and aggregated Half-Hourly (HH) metered premises. The 'Site-specific' approach is used for HH metered or pseudo HH unmetered premises.
- 2.3. Typically NHH metered are domestic and small businesses; HH metered are larger businesses; and unmetered premises are normally streetlights.

Supercustomer billing and payment

- 2.4. Supercustomer billing and payment applies to Metering Points registered as NHH metered, NHH unmetered, and aggregated HH metered. The Supercustomer approach makes use of aggregated data obtained from Suppliers using the 'Non Half Hourly Distribution Use of System (DUoS) Report' data flow.
- 2.5. 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.
- 2.6. The charges are applied on the basis of the LLFC assigned to a Meter Point Administration Number (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 Regimes (TPRs) assigned to the Standard Settlement Configuration (SSC). All LLFCs are assigned at our sole discretion.

Supercustomer charges

- 2.7. Supercustomer charges include the following components:
 - a fixed charge - pence/MPAN/day. There will be only one fixed charge applied to each MPAN; and
 - unit charges, pence/kWh. More than one unit charge may apply depending on the type of tariff for which the MPAN is registered.

- 2.8. The relevant charge structure set out in Annex 1 will be allocated to users who supply electricity to a Customer whose Metering System is:
- Measurement Class A or B, and settled on Profile Classes (PC) 1 through to 8; or Measurement Class F or G;
- 2.9. Measurement Class A charges apply to Exit/Entry Points where NHH metering is used for Settlement.
- 2.10. Measurement Class B charges apply to Exit Points deemed to be suitable as Unmetered Supplies as permitted in the Electricity (Unmetered Supply) Regulations 2001³ and where operated in accordance with Balancing and Settlement Code (BSC) procedure 520⁴.
- 2.11. Measurement Class F and G charges apply to Exit/Entry Points where HH aggregated metering data is used for Settlement.
- 2.12. Identification of the appropriate charge can be made by cross-reference to the LLFC.
- 2.13. Valid Settlement PC / Standard Settlement Configuration (SSC) / Meter Timeswitch Code (MTC) combinations for LLFCs where the Metering System is Measurement Class A and B are detailed in Market Domain Data (MDD).
- 2.14. We do not apply a default tariff for invalid combinations.
- For all two rate NHH MPANs night is defined as 00.30 to 07.30 hours.
- 2.15. To determine the appropriate charge rate for each SSC/TPR a lookup table is provided in the spreadsheet that accompanies this statement⁵.
- 2.16. The time periods for unit charges where the Metering System is Measurement Class F and G are set out in the table 'Time Bands for Half Hourly Metered Properties' in Annex 1.
- 2.17. The 'Domestic Off-Peak' and 'Small Non-Domestic Off-Peak' charges are additional to either an unrestricted or a two-rate charge.

³ The Electricity (Unmetered Supply) Regulations 2001 available from <http://www.legislation.gov.uk/uksi/2001/3263/made>

⁴ Balancing and Settlement Code Procedures on unmetered supplies are available from <http://www.elexon.co.uk/pages/bscps.aspx>

⁵ EMEB - Schedule of charges and other tables - 2016.xlsx

Site-specific billing and payment

- 2.18. Site-specific billing and payment applies to Measurement Class C, D and E Metering Points settled as HH metered. The site-specific billing and payment approach to Use of System (UoS) billing makes use of HH metering data at premise level received through Settlement.
- 2.19. 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.
- 2.20. The charges are applied on the basis of the LLFCs assigned to the MPAN (or the Meter System Identifier (MSID) for Central Volume Allocation (CVA) sites), and the units consumed within the time periods specified in this statement.
- 2.21. All LLFCs are assigned at our sole discretion. Where an incorrectly applied LLFC is identified, we may at our sole discretion apply the correct LLFC and/or charges.

Site-specific billed charges

- 2.22. Site-specific billed charges may include the following components:
- a fixed charge pence/MPAN/day or pence/MSID/day;
 - a capacity charge, pence/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/kVAh, for each unit in excess of the reactive charge threshold.
- 2.23. Users who wish to supply electricity to Customers whose Metering System is Measurement Class C, D or E or CVA will be allocated the relevant charge structure dependent upon the voltage and location of the Metering Point.
- 2.24. Measurement Class C, E or CVA charges apply to Exit/Entry Points where HH metering, or an equivalent meter, is used for Settlement purposes.

- 2.25. Measurement Class D charges apply to Exit Points deemed to be suitable as Unmetered Supplies as permitted in the Electricity (Unmetered Supply) Regulations 2001⁶ and where operated in accordance with BSC procedure 520⁷.
- 2.26. Fixed charges are generally levied on a pence per MPAN/MSID 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.
- 2.27. LV and HV Designated Properties will be charged in accordance with the CDCM and allocated the relevant charge structure set out in Annex 1.
- 2.28. Designated EHV Properties will be charged in accordance with the EDCM and allocated the relevant charge structure set out in Annex 2.
- 2.29. Where LV and HV Designated Properties or Designated EHV Properties have more than one point of connection (as identified in the Connection Agreement) then separate charges will be applied to each point of connection.

Time periods for half-hourly metered properties

- 2.30. 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.
- 2.31. 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.

Time periods for pseudo half-hourly unmetered properties

- 2.32. The time periods for the application of unit charges to connections 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

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

⁶ The Electricity (Unmetered Supply) Regulations 2001 available from <http://www.legislation.gov.uk/uksi/2001/3263/made>

⁷ Balancing and Settlement Code Procedures on unmetered supplies and available from <http://www.elexon.co.uk/pages/bscps.aspx>

Chargeable capacity

- 2.34. The chargeable capacity is, for each billing period, the MIC/MEC, as detailed below.
- 2.35. 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.
- 2.36. Reductions to the MIC/MEC may only be permitted once in a 12 month period. Where MIC/MEC is reduced, the new lower level will be agreed with reference to the level of the Customer's maximum demand. 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.
- 2.37. In the absence of an agreement, the chargeable capacity, save for error or omission, will be based on the last MIC and/or MEC previously agreed by the distributor for the relevant premise's connection. A customer can seek to agree or vary the MIC and/or MEC by contacting us using the contact details in section 1.

Exceeded capacity

- 2.38. 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 month 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)

- 2.39. 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.
- 2.40. 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)

- 2.41. 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.
- 2.42. 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

- 2.43. Where standby capacity charges are applied, the charge will be set at the same rate as that applied to normal MIC. Where, at the customer's request, for additional security of supplies requiring sterilisation of capacity from two different sources of supply, we reserve the right to charge for the capacity held at each source.

Minimum capacity levels

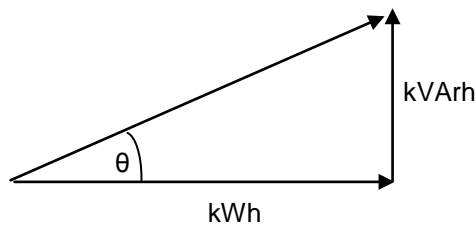
- 2.44. There is no minimum capacity threshold.

Application of charges for excess reactive power

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

2.46. Power Factor is calculated as follows:

$\text{Cos } \theta = \text{Power Factor}$



2.47. 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)

2.48. 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.

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

2.50. 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)

- 2.51. 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.
- 2.52. The square root calculation will be to two decimal places.
- 2.53. This calculation is completed for every half hour and the values summated over the billing period.

Incorrectly allocated charges

- 2.54. It is our responsibility to apply the correct charges to each MPAN/MSID. The allocation of charges is based on the voltage of connection and metering information. We are responsible for deciding the voltage of connection while the Supplier determines and provides the metering information.
- 2.55. Generally the voltage of connection is determined by where the metering is located and where responsibility for the electrical equipment transfers from us to the connected Customer. This is normally established when the MPAN/MSID is created and will include information about whether the MPAN/MSID is for import or export purposes. Where an MPAN/MSID is used for export purposes, the type of generation (intermittent or non-intermittent) will also be determined.
- 2.56. The Supplier provides us with metering information which enables us to allocate charges where there is more than one charge per voltage level. This metering data is likely to change over time if, for example, a Supplier changes from a two rate meter to a single rate meter. When this happens we will change the allocation of charges accordingly.

- 2.57. Where it has been identified that a LLFC/charge is likely to be incorrectly allocated due to the wrong voltage of connection, incorrect import/export details, or an incorrectly noted metering location, then a correction request should be made to us. Requests from persons other than the current Supplier must be accompanied by a Letter of Authority from the Customer. The existing Supplier must also acknowledge that they are aware that a correction request has been made. Any request must be supported by an explanation of why it is believed that the current charge is wrongly applied, along with supporting information including, where appropriate, photographs of metering positions or system diagrams. Any request to correct the current LLFC/charge which also includes a request to backdate the correction must include justification as to why it is considered appropriate to backdate the change.
- 2.58. If it has been identified that a charge has been incorrectly allocated due to the metering data, then a correction request should be made to the Supplier.
- 2.59. Where we agree that an MPAN/MSID has been assigned to the wrong voltage level then we will correct it by allocating the correct set of charges for that voltage level. Any adjustment for incorrectly applied charges will be as follows:
- Any credit or additional charge will be issued to the Suppliers who were effective during the period of the change.
 - The correction will be applied from the date of the request back to 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, whichever is the shorter.
- 2.60. Should we reject the request, a justification will be provided to the requesting Party.
- 2.61. We shall not unreasonably withhold or delay any agreement to correct the charges applied and would expect to reach agreement within three months from the date of request.

Generation charges for pre-2005 Designated EHV Properties

- 2.62. Designated EHV Properties that were connected to the Distribution System under a pre-2005 connection charging policy are eligible for exemption from 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 have 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.

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

2.63. Furthermore if an exempt Customer makes an alteration to its export requirement, then the Customer may be eligible to be charged for the additional capacity required or 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

2.64. Where HH metering data is required for UoS charging and this is not provided in accordance with the BSC or the Distribution Connection and Use of System Agreement (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.

2.65. The metering data shall identify the amount consumed and/or produced 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.

2.66. 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 (as agreed with us). The data shall be emailed to wpdduos@westernpower.co.uk.

2.67. We require details of reactive power imported or exported to be provided for all Measurement Class C and E sites. It is also required for CVA sites and Exempt

Distribution Network boundaries with difference metering. We reserve the right to levy a charge on Users who fail to provide such reactive data.

Out of area Use of System Charges

2.68. We do not operate networks outside our Distribution Service Area.

Licensed Distribution Network Operator charges

2.69. Licenced Distribution Network Operator (LDNO) charges are applied to LDNOs who operate Embedded Networks within our Distribution Service Area.

2.70. 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 the Host DNO's network. The same charge elements will apply as those that match the LDNO's end Customer charges. The relevant charge structures are set out in Annex 4.

2.71. We do not apply a default tariff for invalid combinations.

- For all two rate NHH MPANs night is defined as 00.30 to 07.30 hours.

2.72. 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.

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

Licence exempt distribution networks

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

2.75. 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.

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

Full Settlement metering

2.77. 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 exempt distribution network.

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

Difference metering

2.79. 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 premise. Under this approach the Customers requiring third party access on the exempt distribution network will have their own MPAN and must have a HH Metering System.

2.80. Unless agreed otherwise, our UoS charges will be applied using Gross or Net Settlement as applicable to the site.

Gross Settlement

2.81. Where one of our MPANs (Prefix 11) 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.

2.82. 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 wpdduos@westernpower.co.uk;
- the title of the email should also contain the phrase “gross data for difference metered private network”;
- the text file and the title of the email shall contain the metering reference specified by us in place of the Settlement MPAN, i.e. a dummy

alphanumeric reference to enable the relating of the gross metered data to a given boundary MPAN; and

- the text filename shall be formed of the metering reference specified by us, followed by a hyphen, and followed by a timestamp in the format YYYYMMDDHHMMSS, and followed by “.txt”.

2.83. For the avoidance of doubt, the reduced difference metered measurement data for the boundary connection which is to enter Settlement should continue to be sent using the Settlement MPAN.

Net Settlement

2.84. Where one of our MPANs (Prefix 11) is embedded within an licence exempt distribution network connected to one of our Distribution Systems, and difference metering is in place for Settlement purposes, and we do **not** receive gross measurement data for the boundary MPAN, we will charge the boundary MPAN Supplier based on the net measurement for use of our Distribution System. Charges will also be levied directly to the Supplier of the embedded MPAN(s) connected within the licence exempt distribution network based on the actual data received.

3. Schedule of charges for use of the Distribution System

- 3.1. Tables listing the charges for the distribution of electricity for UoS are published in the annexes to this document.
- 3.2. These charges are also listed in a spreadsheet which is published with this statement and can be downloaded from www.westernpower.co.uk.
- 3.3. Annex 1 contains 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 within their embedded Distribution System.
- 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 in their embedded Distribution System.

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 lost⁸ 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 for the energy lost on the Distribution System.
- 4.2. We are responsible for calculating the Line Loss Factors⁹ (LLFs) and providing these to Elexon. Elexon are the company that manages the BSC. This code covers the governance and rules for the balancing and Settlement arrangements.
- 4.3. LLFs are used to adjust the Metering System volumes to take account of losses on the distribution network.

Calculation of line loss factors

- 4.4. LLFs are calculated in accordance with BSC Procedure 128. It sets out the procedure and principles by 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 Designated EHV Properties in the EDCM. The definition used for LLF purposes can be found in our LLF methodology.

⁸ 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.

⁹ Also referred to as Loss Adjustment Factors.

- 4.7. The Elexon website (<http://www.elexon.co.uk/reference/technical-operations/losses/>) contains more information on LLFs. This page also has links to BSCP128 and to our LLF methodology.

Publication of Line loss factors

- 4.8. The LLFs used in Settlement are published on the Elexon portal website, www.elexonportal.co.uk. 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. The BSCP128 sets out the timetable by which LLFs are submitted and audited. The submission and audit occurs between September and December in the year prior to the LLFs becoming effective. Only after the completion of the audit at the end of December and BSC approval are the final LLFs published.
- 4.10. Illustrative LLFs based on the latest LLFs are provided in Annex 5 of this statement. These illustrative LLFs are provided with reference to the metered voltage or associated LLFC for generic LLFs and by reference to the LLFCs for site specific LLFs. Each LLF is applicable to a defined time period.

5. Notes for Designated EHV Properties

EDCM FCP network group costs

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

Charges for new Designated EHV Properties

- 5.3. Charges for any new Designated EHV Properties calculated after publication of the current statement will be published in an addendum to that statement as and when necessary.
- 5.4. The form of the addendum is detailed in Annex 6 to this statement.
- 5.5. The addendum will be sent to relevant DCUSA parties and published as a revised 'Schedule of Charges and Other Tables' spreadsheet on our website. The addendum will include charge information which under enduring circumstances would be found in Annex 2, and Line Loss Factors which would normally be found in Annex 5.
- 5.6. The new Designated EHV Properties charges will be added to Annex 2 in the next full statement released.

Charges for amended Designated EHV Properties

- 5.7. 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 relevant DCUSA 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

- 5.8. Our Demand Side Management approach is as follows:

- All EDCM Customers may apply to enter into a Demand Side Management Contract
 - We may at our sole discretion approach specific Customers, aggregators or Suppliers to provide a range of Demand Side responses in specific locations based on network needs. These agreements may be for pre or post fault arrangements. It is at our sole discretion whether to offer post-fault Demand Side Management agreements.
 - Payments accrued by a Customer who enters into a Demand Side Management agreement will be reflected in their Distribution Use of System Charges to their Supplier. Payments may be subject to reduction if the Customer fails to deliver demand reductions in accordance with the agreement
 - The minimum demand reduction capacity a Customer can offer is 25% of its Maximum Import Capacity.
- 5.9. Requests for Demand Side Management agreements should be sent to the Income and Connections Manager at the address shown in paragraph 1.11.

6. Electricity distribution rebates

- 6.1. There was a uniform discount of £5.00 per domestic Customer to the Fixed Charge in the charging year 2014/15. This was in line with the Government announcement of 2nd December 2013 and will be recovered by adjustments to the same charge in 2016/17.

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 invoices remain unpaid on the due date and are not subject to a valid dispute, 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. None

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 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 .
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.
Central Volume Allocation (CVA)	As defined in the BSC.
Customer	A person to whom a User proposes to supply or for the time being supplies electricity through an Exit Point, or from whom a User or any relevant exempt Supplier is entitled to recover charges, compensation, or an account of profits in respect of electricity supplied through an Exit Point; or A person from whom a User purchases or proposes to purchase electricity at an Entry Point (who may from time to time be supplied with electricity as a Customer of that User (or another electricity Supplier) through an Exit Point).
Designated EHV Properties	As defined in standard condition 13B of the Electricity Distribution Licence.
Designated Properties	As defined in standard condition 13A of the Electricity Distribution Licence.

Term	Definition																																																												
Distributor IDs	<p>These are unique IDs that can be used, with reference to the MPAN, to identify your LDNO. The charges for other network operators can be found on their website.</p> <table border="1" data-bbox="643 405 1377 1408"> <thead> <tr> <th>ID</th> <th>Name</th> <th>Operator</th> </tr> </thead> <tbody> <tr><td>10</td><td>Eastern</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</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 Eastern</td><td>UK Power Networks</td></tr> <tr><td>20</td><td>Southern Electric</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>GTC</td><td>Independent Power Networks</td></tr> <tr><td>25</td><td>ESP Electricity</td><td>ESP Electricity</td></tr> <tr><td>26</td><td>Energetics</td><td>Energetics Electricity Ltd</td></tr> <tr><td>27</td><td>GTC</td><td>The Electricity Network Company Ltd</td></tr> <tr><td>29</td><td>Harlaxton Energy Networks</td><td>Harlaxton Energy Networks</td></tr> </tbody> </table>	ID	Name	Operator	10	Eastern	UK Power Networks	11	East Midlands	Western Power Distribution	12	London	UK Power Networks	13	Merseyside and North Wales	Scottish Power	14	Midlands	Western Power Distribution	15	Northern	Northern Powergrid	16	North Western	Electricity North West	17	Scottish Hydro Electric	Scottish Hydro Electric Power Distribution plc	18	South Scotland	Scottish Power	19	South Eastern	UK Power Networks	20	Southern Electric	Southern Electric Power Distribution plc	21	South Wales	Western Power Distribution	22	South Western	Western Power Distribution	23	Yorkshire	Northern Powergrid	24	GTC	Independent Power Networks	25	ESP Electricity	ESP Electricity	26	Energetics	Energetics Electricity Ltd	27	GTC	The Electricity Network Company Ltd	29	Harlaxton Energy Networks	Harlaxton Energy Networks
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Distribution Connection and Use of System Agreement (DCUSA)	<p>The DCUSA is a multi-party contract between the licensed Electricity Distributors, Suppliers, generators, and Offshore Transmission Owners of Great Britain.</p> <p>It is a requirement that all licensed Electricity Distributors and Suppliers become parties to the DCUSA.</p>																																																												
Distribution Network Operator (DNO)	<p>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.</p>																																																												
Distribution Services Area	<p>The area specified by the Gas and Electricity Markets Authority within which each DNO must provide specified distribution services.</p>																																																												

Term	Definition
Distribution System	<p>The system consisting (wholly or mainly) of electric lines owned or operated by an authorised distributor that is used for the distribution of electricity from:</p> <ul style="list-style-type: none"> • Grid Supply Points or generation sets or other Entry Points <p>to the points of delivery to:</p> <ul style="list-style-type: none"> • 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) which 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 LDNO	This refers to an LDNO operating a distribution network which is embedded within another distribution network.
Embedded Network	An electricity Distribution System operated by an LDNO and embedded within another distribution network.
Entry Point	A boundary point at which electricity is exported on to 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.
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.

Term	Definition
GSP Group	A distinct electrical system that is supplied from one or more GSPs for which total supply into the GSP Group can be determined for each half hour.
High Voltage (HV)	Nominal voltages of at least 1kV and less than 22kV.
Invalid Settlement Combination	A Settlement combination that is not recognised as a valid combination in Market Domain Data - see https://www.elexonportal.co.uk/MDDVIEWER .
kVA	Kilovolt amperes.
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 in respect of distribution activities in Great Britain.
Line Loss Factor (LLF)	The factor that is used in Settlement to adjust the Metering System volumes to take account of losses on the Distribution System.
Line Loss Factor Class (LLFC)	An identifier assigned to an SVA Metering System which is used to assign the LLF and Use of System Charges.
Load Factor	$= \frac{\text{annual consumption (kWh)}}{\text{maximum demand (kW)} \times \text{hours in year}}$
Low Voltage (LV)	Nominal voltages below 1kV.
Market Domain Data (MDD)	MDD is a central repository of reference data available to all Users involved in Settlement. It is essential to the operation of SVA trading arrangements.
Maximum Export Capacity (MEC)	The MEC of apparent power expressed in kVA that has been agreed can flow through the Entry Point to the Distribution System from the Customer's installation as specified in the connection agreement.
Maximum Import Capacity (MIC)	The MIC of apparent power expressed in kVA that has been agreed can flow through the Exit Point from the Distribution System to the Customer's installation as specified in the connection agreement.

Term	Definition
Measurement Class	<p>A classification of Metering Systems used in the BSC which indicates how consumption is measured, i.e.:</p> <ul style="list-style-type: none"> • 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; and • Measurement Class E – half-hourly metering equipment below 100kW premises, and from 5 November 2015, with current transformer. • Measurement Class F – half hourly metering equipment at below 100kW premises with current transformer or whole current, and at domestic premises • Measurement Class G – half hourly metering equipment at below 100kW premises with whole current and not at domestic premises
Meter Timeswitch Code (MTC)	<p>MTCs are three digit codes allowing Suppliers to identify the metering installed in Customers' premises. They indicate whether the meter is single or multi-rate, pre-payment or credit, or whether it is 'related' to another meter. Further information can be found in MDD.</p>
Metering Point	<p>The point at which electricity that is exported to or imported from the licensee's Distribution System is measured, is deemed to be measured, or is intended to be measured, and which is registered pursuant to the provisions of the MRA. For the purposes of this statement, GSPs are not 'Metering Points'.</p>
Metering Point Administration Number (MPAN)	<p>A number relating to a Metering Point under the MRA.</p>
Metering System	<p>Particular commissioned metering equipment installed for the purposes of measuring the quantities of exports and/or imports at the Exit Point or Entry Point.</p>
Metering System Identifier (MSID)	<p>MSID is a term used throughout the BSC and its subsidiary documents and has the same meaning as MPAN as used under the MRA.</p>
Master Registration Agreement (MRA)	<p>The MRA is an Agreement that sets out terms for the provision of Metering Point Administration Services (MPAS) Registrations and procedures in relation to the Change of Supplier to any premise/Metering Point.</p>
Nested Networks	<p>This refers to a situation where there is more than one level of Embedded Network and therefore nested Distribution Systems between LDNOs (e.g. Host DNO→primary nested DNO→ secondary nested DNO→customer).</p>

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 who has a use of system agreement with the DNO e.g. a Supplier, generator or other DNO.

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

Appendix 2 - Guidance notes¹¹

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 which 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, 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 property, your Supplier may receive a credit for energy which 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 and identifying whether there may be opportunities to change the way you use the Distribution System.

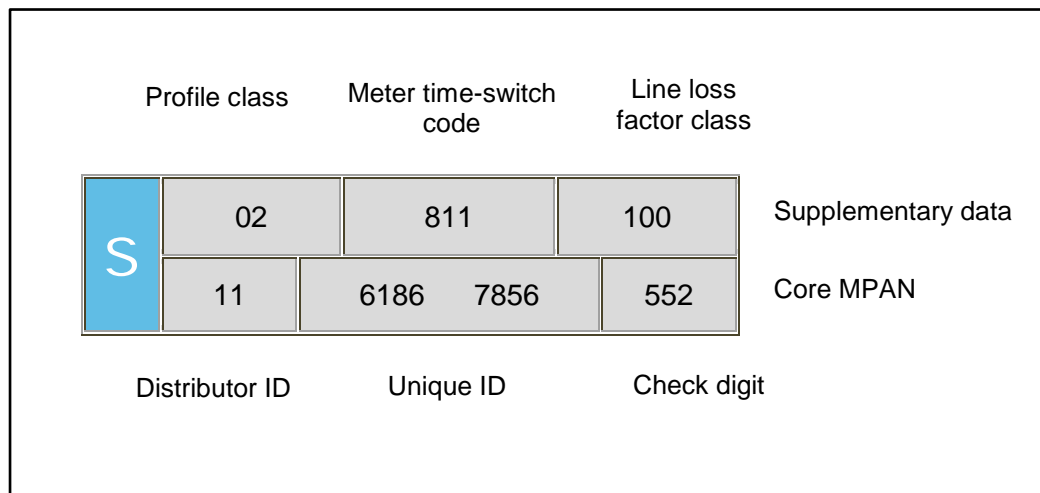
Meter point administration

- 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 a MPAN for catering).
- 1.6. The full MPAN is a 21 digit number, preceded by an 'S'. 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 premise.

¹¹ These guidance notes are provided for additional information and do not form part of the application of charges.

- 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.

Full MPAN diagram



- 1.8. Generally you will only need to know the Distributor ID and Line Loss Factor Class (LLFC) to identify the distribution charges for your premise. However there are some premises where charges are specific to that site. In these instances the charges are identified by the core MPAN. Our Distributor ID is 11. 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 and 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 11 are provided in this statement.
- 1.13. You can identify your charges by referencing your Line Loss Factor Class, from Annex 1. If the MPAN is for a Designated Extra High Voltage Property, then the charges will be found in Annex 2. In a few instances the charges may be contained in Annex 3. When identifying charges in Annex 2, please note that some Line Loss Factor Classes have more than one charge. In this instance you will need to select the correct charge by cross referencing with the core MPAN provided in the table.
- 1.14. Once you have identified which charge structure applies to your MPAN then you will be able to calculate an estimate of your distribution charge using the calculator provided in the spreadsheet 'Schedule of charges and other tables' found in the sheet called 'Charge Calculator'. This spreadsheet can be downloaded from www.westernpower.co.uk.

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 devices. 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 when demand use is likely to be cheaper outside peak periods and generation credits more beneficial. However the ability to 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 which 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 property's electrical installation has been followed in order to maintain a power factor between 0.95 and unity at the Metering Point.
- 1.18. Reactive Power (kVA_{rh}) 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. Many advantages can be achieved by correcting poor power factor. These include reduced energy bills through lower reactive charges; lower capacity charges; 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 location based charging methodology (referred to as EDCM) for higher voltage network Users. Distributors use two approved approaches: Long Run Incremental Cost Pricing

(LRIC) and Forward Cost Pricing (FCP). We use the FCP. The EDCM will apply to Customers connected at Extra High Voltage (EHV), or connected at High Voltage (HV) and metered at a higher voltage transformation substation.

- 1.23. EDCM charges 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 payment.
- 1.24. The charges under the EDCM comprise of the following individual components:
- a) **Fixed charge** - This charge recovers our operational costs associated with those connection assets that are provided for the 'sole' use by the Customer. The value of these assets is used as a basis to derive the charge.
 - b) **Capacity charge (pence/kVA/day)** - This charge recovers the relevant FCP cost, the National Grid Electricity Transmission (NGET) 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 FCP cost is locational and reflects our assessment of future network reinforcement necessary at voltage of connection (local) and beyond at all higher voltages (remote) relevant to the Customer's connection. This results in higher costs in more capacity congested parts of the network, reflecting the greater likelihood of future reinforcement in these areas, and lower costs in less congested parts of the network. The local FCP 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 FCP component. The charge is positive for import and negative for export which means you can reduce your charges either by minimising consumption or increasing export at those times. The charge is applied on 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 period may be beneficial.

1.26. **Reactive Power** -The EDCM does not include a separate charge component for any reactive power flows (kVAr) for either demand or generation. However the EDCM charges do reflect the effect on the network of the Customer's power factor. For example, unit charges can increase if your site power factor is poor, lower than 0.95. Improving your site's power factor will also reduce the maximum demand (kVA) for the same power consumed in kW thus providing scope to reduce your agreed capacity requirements.

Annex 1 - Schedule of Charges for use of the Distribution System by LV and HV Designated Properties

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - 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	16:00 to 19:00	07:30 to 16:00 19:00 to 21:00	00:00 to 07:30 21:00 to 24:00
Weekends			00:00 to 24:00
Notes	All the above 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 Nov to Feb	16:00 to 19:00	07:30 to 16:00 19:00 to 21:00	00:00 to 07:30 21:00 to 24:00
Monday to Friday Mar to Oct		07:30 to 21:00	00:00 to 07:30 21:00 to 24:00
Weekends			00:00 to 24:00
Notes	All the above 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	Reactive power charge p/kVArh	Excess capacity charge p/kVA/day	Closed LLFCs
Domestic Unrestricted	1	1	2.146			4.48				2
Domestic Two Rate	3	2	2.489	0.067		4.48				4, 8, 10
Domestic Off Peak (related MPAN)	11	2	0.618							
Small Non Domestic Unrestricted	13	3	1.894			5.07				22, 34, 43
Small Non Domestic Two Rate	37	4	2.103	0.064		5.07				16, 19, 28, 31, 49, 52
Small Non Domestic Off Peak (related MPAN)	901	4	0.287							
LV Medium Non-Domestic	81	5-8	2.073	0.060		31.45				83, 85
LV Sub Medium Non-Domestic	80	5-8	1.442	0.040		3.29				
LV Network Domestic	246	0	13.136	0.595	0.061	4.48				
LV Network Non-Domestic Non-CT	247	0	13.140	0.573	0.060	5.07				
LV HH Metered	58, 990	0	11.301	0.433	0.048	7.47	2.50	0.393	2.50	

Annex 1 - Schedule of Charges for use of the Distribution System by LV and HV Designated Properties

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	Reactive power charge p/kVArh	Excess capacity charge p/kVA/day	Closed LLFCs
LV Sub HH Metered	59	0	9.708	0.268	0.034	5.75	3.29	0.319	3.29	
HV HH Metered	60, 991	0	7.425	0.115	0.021	57.08	3.92	0.218	3.92	929
NHH UMS category A	800	8	1.842							
NHH UMS category B	801	1	2.458							
NHH UMS category C	802	1	3.980							
NHH UMS category D	803	1	1.232							
LV UMS (Pseudo HH Metered)	804	0	37.447	1.041	0.595					
LV Generation NHH or Aggregate HH	986	8 & 0	-0.600							
LV Sub Generation NHH	970	8	-0.524							
LV Generation Intermittent	971	0	-0.600					0.222		
LV Generation Non-Intermittent	973	0	-4.958	-0.440	-0.033			0.222		
LV Sub Generation Intermittent	972	0	-0.524					0.194		
LV Sub Generation Non-Intermittent	974	0	-4.367	-0.374	-0.027			0.194		
HV Generation Intermittent	975	0	-0.319			27.52		0.152		
HV Generation Non-Intermittent	977	0	-2.820	-0.189	-0.013	27.52		0.152		

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

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - Final EDCM charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band
Monday to Friday Nov to Feb	16:00 to 19:00
Notes	All the above times are in UK Clock time

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
292	292	1170000480680	367	367	1170000480699	Yew Tree Farm PV	0.262	3.79	1.82	1.82	0.000	455.10	0.06	0.06
293	293	1170000487142	368	368	1170000487151	Cobb Farm Egmanton PV	0.000	1.78	1.82	1.82	0.000	355.96	0.06	0.06
294	294	1170000530950	369	369	1170000530969	Kelmarsh Wind Farm	0.000	80.57	1.26	1.26	0.000	5801.08	0.06	0.06
295	295	1170000535104	370	370	1170000535113	Pebble Hall Farm AD	0.000	608.77	2.44	2.44	0.000	6087.70	0.06	0.06
296	296	1170000549231	371	371	1170000549240	Copley Farm PV Claypole	0.000	8.97	1.82	1.82	0.000	764.60	0.06	0.06
297	297	1170000549269	372	372	1170000549278	Greatmoor EFW Calvert	0.000	768.53	1.17	1.17	0.000	6334.55	0.06	0.06
298	298	1170000559851	373	373	1170000559860	Lodge Farm (Calow) PV	0.000	2.70	1.82	1.82	0.000	242.66	0.06	0.06
299	299	1170000569840	374	374	1170000569850	Arkwright Solar PV	0.000	95.51	1.82	1.82	0.000	955.11	0.06	0.06
300	300	1170000579245	375	375	1170000579254	Langar Solar PV	0.000	1.95	1.82	1.82	0.000	260.26	0.06	0.06
301	301	1170000580393	376	376	1170000580409	Redfield Road 1 STOR	0.000	8.64	1.42	1.42	0.000	225.47	0.06	0.06
302	302	1170000579919	377	377	1170000579928	Averill Farm PV	0.000	9.27	2.54	2.54	0.000	927.27	0.06	0.06
303	303	1170000582692	378	378	1170000582708	Marchington Solar PV	1.153	3.23	1.82	1.82	0.000	287.07	0.06	0.06
304	304	1170000586492	379	379	1170000586508	West End Fm Treswell PV	0.000	1.74	2.54	2.54	0.000	289.55	0.06	0.06
305	305	1170000586605	380	380	1170000586614	Fields Farm Southam PV	0.000	2.85	2.54	2.54	0.000	250.93	0.06	0.06
306	306	1170000587273	381	381	1170000587282	Canopus Farm PV	0.000	2.60	1.82	1.82	0.000	259.61	0.06	0.06
307	307	1170000594261	382	382	1170000594270	Lindridge Farm PV	0.000	13.41	1.82	1.82	0.000	670.26	0.06	0.06
308	308	1170000594164	383	383	1170000594173	Thornborough Grnds PV	0.000	10.10	2.21	2.21	0.000	504.99	0.06	0.06
309	309	1170000592228	384	384	1170000592237	Wymeswold Narrow Lane PV	0.000	7.06	2.54	2.54	0.000	423.73	0.06	0.06
310	310	1170000598034	385	385	1170000598043	Manor Farm Horton PV	0.000	2.20	2.54	2.54	0.000	439.83	0.06	0.06
311	311	1170000598196	386	386	1170000598201	Handley Park Farm PV	0.000	5.10	2.14	2.14	0.000	509.99	0.06	0.06
784	784	1170000447716	705	705	1170000447725	Prestop Park Farm PV	0.000	0.92	1.82	1.82	0.000	261.29	0.06	0.06
785	785	1170000447479	706	706	1170000447488	Smith Hall Solar Farm	0.000	12.56	1.82	1.82	0.000	502.52	0.06	0.06
786	786	1170000447497	707	707	1170000447502	Park Farm Solar Ashby	0.457	5.14	2.23	2.23	0.000	257.07	0.06	0.06
787	787	1170000451420	708	708	1170000451439	Aston House Solar Farm	1.155	3.11	1.82	1.82	0.000	511.97	0.06	0.06
788	788	1170000453756	709	709	1170000453765	Normanton-le-Heath PV Fm	0.461	1.30	2.23	2.23	0.000	260.91	0.06	0.06
789	789	1170000457617	710	710	1170000457626	Elms Farm Solar Farm	0.000	1.45	1.82	1.82	0.000	260.76	0.06	0.06
790	790	1170000458550	711	711	1170000458569	Morton Solar Farm	0.000	2.23	1.82	1.82	0.000	512.86	0.06	0.06
791	791	1170000463150	712	712	1170000463160	Glebe Farm Podington PV	0.000	81.92	1.92	1.92	0.000	5324.89	0.06	0.06
792	792	1170000468015	713	713	1170000468024	Rolleston Park Solar	0.000	33.84	1.82	1.82	0.000	683.55	0.06	0.06
793	793	1170000467572	714	714	1170000467581	Nowhere Farm PV	0.000	4.43	1.82	1.82	0.000	960.21	0.06	0.06
794	794	1170000467554	715	715	1170000467563	Lockington Solar Farm	1.156	4.13	1.82	1.82	0.000	826.61	0.06	0.06
795	795	1170000467509	716	716	1170000467527	Chelveston Renewable PV	0.000	6.54	1.82	1.82	0.000	2614.10	0.06	0.06
796	796	1170000474082	717	717	1170000474107	Horsemoor Drove Solar	0.000	20.17	1.82	1.82	0.000	3360.83	0.06	0.06
797	797	1170000474436	718	718	1170000474445	Decoy Farm Crowland PV	0.000	0.18	1.82	1.82	0.000	233.93	0.06	0.06
798	798	1170000474418	719	719	1170000474427	Decoy Farm Crowland Bio	0.000	3.46	1.78	1.78	0.000	230.65	0.06	0.06
799	799	1170000474393	720	720	1170000474409	Decoy Farm Crowland AD	0.000	1.55	1.78	1.78	0.000	232.56	0.06	0.06
824	824	1100039676983 1100039676992	600	600		Network Rail Bytham	0.000	3904.88	5.15	5.15	0.000	0.00	0.00	0.00
825	825	1100039676690 1100039676706	601	601	1100050641453	Network Rail Grantham	0.000	3480.44	5.01	5.01	0.000	0.00	0.00	0.00
826	826	1100050106527	602	602	1100050106971	Network Rail Staythorpe	0.000	0.00	1.42	1.42	0.000	0.00	0.00	0.00
827	827	1100039676965 1100039676974	603	603	1100050314637 1100770450945	Network Rail Retford	0.000	5088.49	5.61	5.61	0.000	0.00	0.00	0.00
828	828	1100050106554	604	604	1130000029600	Network Rail Rugby	0.000	3740.12	2.93	2.93	0.000	0.00	0.00	0.00
829	829	1100050106572	605	605	1130000029619	Network Rail Tamworth	0.000	6173.98	3.12	3.12	0.000	0.00	0.00	0.00
830	830	1100050106545	606	606	1130000029628	Network Rail Wolverton	0.000	3701.50	2.76	2.76	0.000	0.00	0.00	0.00
831	831	1100039602086				Jaquar Cars	0.000	99.81	7.95	7.95	0.000	0.00	0.00	0.00
832	832	1100039600655				Alstom Frankton	0.000	2677.96	2.29	2.29	0.000	0.00	0.00	0.00
833	833	1100039602156				University of Warwick	0.699	99.81	3.85	3.85	0.000	0.00	0.00	0.00
834	834	1100039603131				Dunlop Factory	0.000	99.81	5.96	5.96	0.000	0.00	0.00	0.00
835	835	1160001030330 1160001139525				Bombardier	1.184	695.45	4.94	4.94	0.000	0.00	0.00	0.00
836	836	1100039600015				British Steel	0.000	659.08	2.18	2.18	0.000	0.00	0.00	0.00
837	837	1100039669504	607	607	1100050223110	Acordis	1.190	514.90	1.74	1.74	0.000	0.00	0.00	0.00

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
838	838	1144444444443	7043E	7043	7043	Derwent	0.000	0.00	2.02	2.02	0.000	0.00	0.00	0.00
839	839	1100039667570				GEC Alsthorn	0.482	1290.04	2.04	2.04	0.000	0.00	0.00	0.00
840	840	1100050311185 1100050311194				St Gobain	1.167	439.38	3.04	3.04	0.000	0.00	0.00	0.00
841	841	1100039603559				Toyota	1.165	7806.45	1.78	1.78	0.000	0.00	0.00	0.00
842	842	1100039600051	610	610	1100050222428	Derby Co-Generation	0.000	86.86	1.84	1.84	0.000	0.00	0.00	0.00
843	843	1100039600060 1100050311167				Rolls Royce Sinfon C	1.158	10109.64	0.76	0.76	0.000	0.00	0.00	0.00
844	844	1100039671841	609	609	1100050222552	ABR Foods	0.000	687.13	1.14	1.14	0.000	0.00	0.00	0.00
845	845	1160001236210	635	635	1160001236229	Petsoe Wind Farm	0.000	17.25	1.38	1.38	0.000	965.98	0.06	0.06
846	846	1100039600042	700	700	1170000330966	Castle Cement	0.000	3043.02	2.82	2.82	0.000	112.32	0.06	0.06
847	847	1100050013290 1100050314594				Rugby Cement	0.000	1395.25	4.69	4.69	0.000	0.00	0.00	0.00
848	848	1100039667446	632	632	1100050222604	Coventry & Solihull Waste	0.000	90.36	1.63	1.63	0.000	0.00	0.00	0.00
849	849	1170000014575	611	611	1170000014584	Bentnck Generation	0.000	7.60	1.93	1.93	-0.389	182.34	0.06	0.06
852	852	1100050780529	640	640	1160001479030	Asfordby 132kV	0.000	2446.65	1.34	1.34	0.000	5352.04	0.36	0.06
853	853	1100770095532	612	612	1100770095541 1130000014463	Calvert Landfill	0.000	26.78	1.51	1.51	0.000	0.00	0.00	0.00
854	854	1100770104666	613	613	1100770104693	Weldon Landfill	0.000	31.35	1.12	1.12	0.000	0.00	0.00	0.00
855	855	1100770099918	614	614	1100770099927	Goosy Lodge Power	0.000	43.95	1.12	1.12	0.000	0.00	0.00	0.00
856	856	1160000116234 1160000135185				BAR Honda	0.000	478.16	3.04	3.04	0.000	0.00	0.00	0.00
857	857	1160000226327	615	615	1160000226336	Burton Wolds Wind Farm	0.000	6.80	1.17	1.17	0.000	0.00	0.00	0.00
858	858	1100039606090	616	616		Network Rail Bretton	0.000	7955.64	2.84	2.84	0.000	0.00	0.00	0.00
859	859	1100770683368	617	617	1100770683377	Bambers Farm Wind Farm	0.000	2.25	1.24	1.24	0.000	0.00	0.00	0.00
860	860	1160000213601	618	618	1160000213610	Vine House Wind Farm	0.000	54.62	1.52	1.52	0.000	0.00	0.00	0.00
861	861	1160000154150	619	619	1160000154160	Red House Wind Farm	0.000	20.01	1.44	1.44	0.000	0.00	0.00	0.00
862	862	1160000186551	620	620	1160000186560	Daneshill Landfill	0.000	40.98	1.19	1.19	0.000	0.00	0.00	0.00
863	863	1130000053950				Corby Power demand	0.000	668.10	3.07	3.07	0.000	0.00	0.00	0.00
864	864	1160000745093	621	621	1130000079897 1160000745066	Newton Longville Landfill	0.000	53.87	1.32	1.32	0.000	0.00	0.00	0.00
865	865	1160000909822	622	622	1160000909840	Hollies Wind Farm	0.000	1.73	1.65	1.65	0.000	241.57	0.06	0.06
866	866	1130000044004	629	629	1130000044013	Lynn Wind Farm	0.000	151.63	1.25	1.25	0.000	0.00	0.00	0.00
867	867	1130000044022	630	630	1130000044031	Inner Dowsing Wind Farm	0.000	151.63	1.26	1.26	0.000	0.00	0.00	0.00
868	868	1160000999037	631	631	1160000999046	Bicker Fen	0.000	24.85	1.25	1.25	0.000	1846.04	0.06	0.06
869	869	1100039667455	634	634	1100050222473	London Road Heat Station	0.000	44.43	1.13	1.13	0.000	0.00	0.00	0.00
870	870	1160001253330	633	633	1160001253321	Lindhurst Wind Farm	0.000	14.75	1.42	1.42	0.000	2801.69	0.06	0.06
871	871	1100039600103				Staveley Works	0.000	3310.44	2.21	2.21	0.000	0.00	0.00	0.00
872	872	1100039600380				AP Drivelines	0.000	52.05	6.01	6.01	0.000	0.00	0.00	0.00
873	873	1100039600317				Rolls Royce Coventry	0.000	99.81	6.26	6.26	0.000	0.00	0.00	0.00
874	874	1100039600460				Daw Mill UK Coal	0.000	2869.62	4.21	4.21	0.000	0.00	0.00	0.00
875	875	1100039667989				Caterpillar	1.064	2748.33	4.83	4.83	0.000	0.00	0.00	0.00
876	876	1100039602323				Santander Carlton Park	0.483	99.81	6.50	6.50	0.000	0.00	0.00	0.00
877	877	1100039600308				Brush	0.000	99.81	3.36	3.36	0.000	0.00	0.00	0.00
878	878	1170000352384 1170000352409				JCB	1.178	99.81	10.05	10.05	0.000	0.00	0.00	0.00
879	879	1100039606197				Cast Bar UK	0.000	149.71	6.56	6.56	0.000	0.00	0.00	0.00
880	880	1100039668227				Bretby GP	0.000	49.90	7.21	7.21	0.000	0.00	0.00	0.00
881	881	1100039601028				Holwell Works	0.000	99.81	6.19	6.19	0.000	0.00	0.00	0.00
882	882	1100039601019				Pedigree Petfoods	0.000	49.90	5.59	5.59	0.000	0.00	0.00	0.00
883	883	1100039601339				Alstom Wolverton	0.285	99.81	6.65	6.65	0.000	0.00	0.00	0.00
884	884	1100039600567				Colworth Laboratory	0.000	99.81	5.74	5.74	0.000	0.00	0.00	0.00
885	885	1100039601923 1100039601932	636	636	1100050222464	Boots Thane Road	0.000	618.39	2.29	2.29	0.000	0.00	0.00	0.00
886	886	1100039606294	608	608	1100050222446	QMC	0.000	56.62	6.37	6.37	0.000	0.00	0.00	0.00
887	887	1100039604358				British Gypsum	0.000	2291.89	5.26	5.26	0.000	0.00	0.00	0.00
888	888	1100039605139 1100039605148				Melbourne STW	1.168	99.81	5.78	5.78	0.000	0.00	0.00	0.00
889	889	1100039601116 1100050484817				Whetstone	0.477	99.81	4.46	4.46	0.000	0.00	0.00	0.00
890	890	1100039603647 1100039603656				Holbrook Works	0.000	99.81	3.53	3.53	0.000	0.00	0.00	0.00
891	891	1100050674421 1100050677575				Astrazeneca Charnwood	0.000	3139.56	2.36	2.36	0.000	0.00	0.00	0.00
892	892	1160000002893 1160000065918	637	637	1160001059394	B&Q Manton	0.000	42.77	6.22	6.22	0.000	57.03	0.06	0.06

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

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
New Import 62	New Import 62	New Import 62	New Export 62	New Export 62	New Export 62	Swan Valley Wind Farm	0.000	0.00	1.26	1.26	0.000	0.00	0.06	0.06
New Import 63	New Import 63	New Import 63	New Export 63	New Export 63	New Export 63	Swift Wind Farm	0.000	2.78	1.26	1.26	0.000	512.31	0.06	0.06
	314	1170000605221	389	389	1170000605240	Sywell PV	0.000	57.96	1.82	1.82	0.000	5795.60	0.06	0.06
New Import 64	New Import 64	New Import 64	New Export 64	New Export 64	New Export 64	Tathall End Solar Farm	0.000	14.60	2.01	2.01	0.000	1752.40	0.06	0.06
New Import 65	New Import 65	New Import 65	New Export 65	New Export 65	New Export 65	Taylor Lane STOR	1.160	6.38	1.72	1.72	-1.160	340.12	0.06	0.06
New Import 66	New Import 66	New Import 66	New Export 66	New Export 66	New Export 66	JG Pears Farm PV	0.000	1588.81	1.92	1.92	0.000	13769.71	0.06	0.06
New Import 67	New Import 67	New Import 67	New Export 67	New Export 67	New Export 67	Thornton Solar Farm	0.000	50.58	2.85	2.85	0.000	2023.15	0.06	0.06
New Import 68	New Import 68	New Import 68	New Export 68	New Export 68	New Export 68	Tithe Farm Solar Farm	0.000	3.83	1.82	1.82	0.000	511.25	0.06	0.06
New Import 69	New Import 69	New Import 69	New Export 69	New Export 69	New Export 69	Town Farm Harold	0.000	4.34	1.82	1.82	0.000	260.20	0.06	0.06
New Import 70	New Import 70	New Import 70	New Export 70	New Export 70	New Export 70	Trafalgar Park	1.159	3.94	1.72	1.72	-1.160	342.56	0.06	0.06
New Import 71	New Import 71	New Import 71	New Export 71	New Export 71	New Export 71	Tutbury Solar Farm	0.000	32.25	1.82	1.82	0.000	651.42	0.06	0.06
New Import 72	New Import 72	New Import 72	New Export 72	New Export 72	New Export 72	Twin Oaks Farm	1.156	1.24	2.54	2.54	0.000	246.92	0.06	0.06
New Import 73	New Import 73	New Import 73	New Export 73	New Export 73	New Export 73	Viking Solar Farm	0.000	11.48	1.65	1.65	0.000	2296.42	0.06	0.06
New Import 74	New Import 74	New Import 74	New Export 74	New Export 74	New Export 74	Whitecross Lane PV Park	0.000	12.51	1.82	1.82	0.000	437.95	0.06	0.06
New Import 75	New Import 75	New Import 75	New Export 75	New Export 75	New Export 75	Whitsundoles Solar Farm	0.000	15.92	2.01	2.01	0.000	2388.57	0.06	0.06
New Import 76	New Import 76	New Import 76	New Export 76	New Export 76	New Export 76	Wilsthorpe Farm	0.000	2.32	1.82	1.82	0.000	231.80	0.06	0.06
New Import 77	New Import 77	New Import 77	New Export 77	New Export 77	New Export 77	Wilsthorpe Solar Farm	0.000	5.10	2.54	2.54	0.000	509.99	0.06	0.06
New Import 78	New Import 78	New Import 78	New Export 78	New Export 78	New Export 78	Woolfox Solar Farm	0.000	10.67	2.59	2.59	0.000	5443.96	0.06	0.06
New Import 79	New Import 79	New Import 79	New Export 79	New Export 79	New Export 79	Woolfox Wind Farm	0.000	32.53	1.46	1.46	0.000	5422.10	0.06	0.06

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.

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - Final EDCM import charges

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
292	292	1170000480680	Yew Tree Farm PV	0.262	3.79	1.82	1.82
293	293	1170000487142	Cobb Farm Egmonton PV		1.78	1.82	1.82
294	294	1170000530950	Kelmarsh Wind Farm		80.57	1.26	1.26
295	295	1170000535104	Pebble Hall Farm AD		608.77	2.44	2.44
296	296	1170000549231	Copley Farm PV Claypole		8.97	1.82	1.82
297	297	1170000549269	Greatmoor EFW Calvert		768.53	1.17	1.17
298	298	1170000559851	Lodge Farm (Calow) PV		2.70	1.82	1.82
299	299	1170000569840	Arkwright Solar PV		95.51	1.82	1.82
300	300	1170000579245	Langar Solar PV		1.95	1.82	1.82
301	301	1170000580393	Redfield Road 1 STOR		8.64	1.42	1.42
302	302	1170000579919	Averill Farm PV		9.27	2.54	2.54
303	303	1170000582692	Marchington Solar PV	1.153	3.23	1.82	1.82
304	304	1170000586492	West End Fm Treswell PV		1.74	2.54	2.54
305	305	1170000586605	Fields Farm Southam PV		2.85	2.54	2.54
306	306	1170000587273	Canopus Farm PV		2.60	1.82	1.82
307	307	1170000594261	Lindridge Farm PV		13.41	1.82	1.82
308	308	1170000594164	Thornborough Grnds PV		10.10	2.21	2.21
309	309	1170000592228	Wymeswold Narrow Lane PV		7.06	2.54	2.54
310	310	1170000598034	Manor Farm Horton PV		2.20	2.54	2.54
311	311	1170000598196	Handley Park Farm PV		5.10	2.14	2.14
784	784	1170000447716	Prestop Park Farm PV		0.92	1.82	1.82
785	785	1170000447479	Smith Hall Solar Farm		12.56	1.82	1.82
786	786	1170000447497	Park Farm Solar Ashby	0.457	5.14	2.23	2.23
787	787	1170000451420	Aston House Solar Farm	1.155	3.11	1.82	1.82
788	788	1170000453756	Normanton-le-Heath PV Fm	0.461	1.30	2.23	2.23
789	789	1170000457617	Elms Farm Solar Farm		1.45	1.82	1.82
790	790	1170000458550	Morton Solar Farm		2.23	1.82	1.82
791	791	1170000463150	Glebe Farm Podington PV		81.92	1.92	1.92
792	792	1170000468015	Rolleston Park Solar		33.84	1.82	1.82
793	793	1170000467572	Nowhere Farm PV		4.43	1.82	1.82
794	794	1170000467554	Lockington Solar Farm	1.156	4.13	1.82	1.82
795	795	1170000467509	Chelveston Renewable PV		6.54	1.82	1.82

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

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
796	796	1170000474082	Horsemoor Drove Solar		20.17	1.82	1.82
797	797	1170000474436	Decoy Farm Crowland PV		0.18	1.82	1.82
798	798	1170000474418	Decoy Farm Crowland Bio		3.46	1.78	1.78
799	799	1170000474393	Decoy Farm Crowland AD		1.55	1.78	1.78
824	824	1100039676983 1100039676992	Network Rail Bytham		3,904.88	5.15	5.15
825	825	1100039676690 1100039676706	Network Rail Grantham		3,480.44	5.01	5.01
826	826	1100050106527	Network Rail Staythorpe			1.42	1.42
827	827	1100039676965 1100039676974	Network Rail Retford		5,088.49	5.61	5.61
828	828	1100050106554	Network Rail Rugby		3,740.12	2.93	2.93
829	829	1100050106572	Network Rail Tamworth		6,173.98	3.12	3.12
830	830	1100050106545	Network Rail Wolverton		3,701.50	2.76	2.76
831	831	1100039602086	Jaguar Cars		99.81	7.95	7.95
832	832	1100039600655	Alstom Frankton		2,677.96	2.29	2.29
833	833	1100039602156	University of Warwick	0.699	99.81	3.85	3.85
834	834	1100039603131	Dunlop Factory		99.81	5.96	5.96
835	835	1160001030330 1160001139525	Bombardier	1.184	695.45	4.94	4.94
836	836	1100039600015	British Steel		659.08	2.18	2.18
837	837	1100039669504	Acordis	1.190	514.90	1.74	1.74
838	838	1144444444443	Derwent			2.02	2.02
839	839	1100039667570	GEC Alstom	0.482	1,290.04	2.04	2.04
840	840	1100050311185 1100050311194	St Gobain	1.167	439.38	3.04	3.04
841	841	1100039603559	Toyota	1.165	7,806.45	1.78	1.78
842	842	1100039600051	Derby Co-Generation		86.86	1.84	1.84
843	843	1100039600060 1100050311167	Rolls Royce Sinfon C	1.158	10,109.64	0.76	0.76
844	844	1100039671841	ABR Foods		687.13	1.14	1.14
845	845	1160001236210	Petsoe Wind Farm		17.25	1.38	1.38
846	846	1100039600042	Castle Cement		3,043.02	2.82	2.82
847	847	1100050013290 1100050314594	Rugby Cement		1,395.25	4.69	4.69
848	848	1100039667446	Coventry & Solihull Waste		90.36	1.63	1.63

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

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
849	849	1170000014575	Bentinck Generation		7.60	1.93	1.93
852	852	1100050780529	Asfordby 132kV		2,446.65	1.34	1.34
853	853	1100770095532	Calvert Landfill		26.78	1.51	1.51
854	854	1100770104666	Weldon Landfill		31.35	1.12	1.12
855	855	1100770099918	Goosy Lodge Power		43.95	1.12	1.12
856	856	1160000116234 1160000135185	BAR Honda		478.16	3.04	3.04
857	857	1160000226327	Burton Wolds Wind Farm		6.80	1.17	1.17
858	858	1100039606090	Network Rail Bretton		7,955.64	2.84	2.84
859	859	1100770683368	Bambers Farm Wind Farm		2.25	1.24	1.24
860	860	1160000213601	Vine House Wind Farm		54.62	1.52	1.52
861	861	1160000154150	Red House Wind Farm		20.01	1.44	1.44
862	862	1160000186551	Daneshill Landfill		40.98	1.19	1.19
863	863	1130000053950	Corby Power demand		668.10	3.07	3.07
864	864	1160000745093	Newton Longville Landfill		53.87	1.32	1.32
865	865	1160000909822	Hollies Wind Farm		1.73	1.65	1.65
866	866	1130000044004	Lynn Wind Farm		151.63	1.25	1.25
867	867	1130000044022	Inner Dowsing Wind Farm		151.63	1.26	1.26
868	868	1160000999037	Bicker Fen		24.85	1.25	1.25
869	869	1100039667455	London Road Heat Station		44.43	1.13	1.13
870	870	1160001253330	Lindhurst Wind Farm		14.75	1.42	1.42
871	871	1100039600103	Staveley Works		3,310.44	2.21	2.21
872	872	1100039600380	AP Drivelines		52.05	6.01	6.01
873	873	1100039600317	Rolls Royce Coventry		99.81	6.26	6.26
874	874	1100039600460	Daw Mill UK Coal		2,869.62	4.21	4.21
875	875	1100039667989	Caterpillar	1.064	2,748.33	4.83	4.83
876	876	1100039602323	Santander Carlton Park	0.483	99.81	6.50	6.50
877	877	1100039600308	Brush		99.81	3.36	3.36
878	878	1170000352384 1170000352409	JCB	1.178	99.81	10.05	10.05
879	879	1100039606197	Cast Bar UK		149.71	6.56	6.56
880	880	1100039668227	Bretby GP		49.90	7.21	7.21
881	881	1100039601028	Holwell Works		99.81	6.19	6.19
882	882	1100039601019	Pedigree Petfoods		49.90	5.59	5.59
883	883	1100039601339	Alstom Wolverton	0.285	99.81	6.65	6.65
884	884	1100039600567	Colworth Laboratory		99.81	5.74	5.74

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
885	885	1100039601923 1100039601932	Boots Thane Road		618.39	2.29	2.29
886	886	1100039606294	QMC		56.62	6.37	6.37
887	887	1100039604358	British Gypsum		2,291.89	5.26	5.26
888	888	1100039605139 1100039605148	Melbourne STW	1.168	99.81	5.78	5.78
889	889	1100039601116 1100050484817	Whetstone	0.477	99.81	4.46	4.46
890	890	1100039603647 1100039603656	Holbrook Works		99.81	3.53	3.53
891	891	1100050674421 1100050677575	Astrazeneca Charnwood		3,139.56	2.36	2.36
892	892	116000002893 1160000065918	B&Q Manton		42.77	6.22	6.22
893	893	1160001007100 1160001122717	Transco Churchover		99.81	3.01	3.01
894	894	1100039600033	Alstom Rugby		2,154.21	2.51	2.51
896	896	1160001363390	Low Spinney Wind Farm		90.94	1.15	1.15
897	897	1160001457392	Swinford Wind Farm		56.06	1.18	1.18
898	898	1170000117971	Yelvertoft Wind Farm		43.81	1.21	1.21
899	899		Maxwell House Data Centre	0.096	6,937.29	1.30	1.30
902	902	1170000199789	Burton Wolds Wind Farm phase 2		28.62	1.23	1.23
903	903	1170000137579	Shacks Barn Generation		7.35	1.83	1.83
904	904	1160001324665	Hatton Gas Compressor		19,296.43	2.11	2.11
905	905	1170000112477	North Hykeham EFW		8.63	1.38	1.38
906	906	1160001415347	Sleaford Renewable Energy Plant		66.30	1.37	1.37
907	907	1170000059210	Bilsthorpe Wind Farm		12.73	1.15	1.15
908	908	1170000117944	Old Dalby Lodge Wind Farm		22.10	1.26	1.26
909	909	1170000146670	Willoughby STOR generation		0.42	1.14	1.14
910	910	1130000085288	Rolls Royce AB&E 33kV	1.182		2.98	2.98
911	911	1170000110600	The Grange Wind Farm		21.05	1.37	1.37
912	912	1170000111881	Clay Lake STOR		0.71	1.40	1.40
913	913	1170000113443	Balderton STOR		0.53	1.72	1.72
914	914	1170000172954	Wymeswold Solar Park		5.05	3.30	3.30
915	915		French Farm Wind Farm		87.90	1.26	1.26
916	916	1170000398486	Lilbourne Wind Farm		8.41	1.18	1.18

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
917	917	1170000154538	Chelveston Renewable		91.02	1.17	1.17
918	918	1170000174827	Beachampton Solar Farm		13.05	1.80	1.80
919	919	1170000182961	Croft End Solar Farm		1.98	2.29	2.29
920	920	1170000233552	M1 Wind farm		6.11	1.15	1.15
921	921	1170000265270	Leamington STOR		36.27	1.60	1.60
922	922	1170000280108	Low Farm Anaerobic Dig			1.17	1.17
923	923	1170000280960	Turweston Airfield Solar Farm		1.14	2.43	2.43
924	924	1170000281175	Burton Pedwardine Solar		9.00	1.90	1.90
925	925	1170000306909	Little Morton Farm Solar		3.33	1.94	1.94
930	930	1170000073288	Rockingham		6,688.97	2.01	2.01
931	931	1170000086612 1170000091783 1170000091792 1170000091808	Santander Carlton Park 132/11	0.476		1.03	1.03
932	932	1160001446600	Delphi Diesel		52.05	4.24	4.24
940	940	1170000306884	Lodge Farm Solar Park		20.02	1.44	1.44
941	941	1170000313162	Ermine Farm PV		43.62	2.04	2.04
942	942	1170000319234	Ridge Solar Park		3.59	1.14	1.14
943	943	1170000325283	Winwick Wind Farm			1.26	1.26
944	944	1170000325308	Watford Lodge Wind Farm		54.12	1.82	1.82
945	945	1170000326454	Leverton Solar Park		1.70	2.35	2.35
946	946	1170000337508	Burton Pedwardine Phase 2		18.99	1.76	1.76
947	947	1170000369068	Hartwell Solar Farm		16.62	1.12	1.12
948	948	1170000369100	Eakley Lanes Solar North		22.77	1.44	1.44
949	949	1170000369129	Eakley Lanes Solar South		5.14	1.47	1.47
950	950	1170000388743	Welbeck Colliery PV		5.31	1.68	1.68
951	951	1170000394960	Newton Road PV		2.34	1.82	1.82
952	952	1170000395954	New Albion Wind Farm		29.62	1.26	1.26
953	953	1170000400772	Moat Farm PV		18.22	1.82	1.82
954	954	1170000407875	Bilsthorpe Solar		7.37	2.06	2.06
955	955	1170000409696	Hall Farm PV	0.448	28.04	2.23	2.23
956	956	1170000415946	Gaultney Solar Park		0.78	1.82	1.82
957	957	1170000413692	Fiskerton Solar Farm		6.68	2.07	2.07
958	958	1170000424904	Mount Mill Solar Park		6.11	2.21	2.21
959	959	1170000427170	Podington Airfield WF		4.10	1.26	1.26
960	960	1170000428528	Branston South PV Farm		3.02	2.07	2.07

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

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
961	961	1170000430182	Eakring Solar Farm		1.44	1.82	1.82
962	962	1170000439877	Ragdale PV Solar Park			1.82	1.82
963	963	1170000438312	Thoresby Solar Farm		5.65	1.82	1.82
964	964	1170000437211	Welbeck Solar Farm		3.89	1.82	1.82
965	965	1170000444690	Atherstone Solar Farm		1.83	2.35	2.35
966	966	1170000445115	Babworth Estate PV Farm		2.83	1.82	1.82
967	967	1170000446119	Gawcott Fields Farm Solar Park		2.88	2.14	2.14
968	968	1170000446615	Homestead Farm Solar Park		4.17	2.21	2.21
969	969	1170000447033	Grange Solar Farm		2.42	1.82	1.82
2034	2034	2034	Huntingdon Interconnector			2.09	2.09
New Import 1	New Import 1	New Import 1	Whaddon 2872		0.62	1.59	1.59
New Import 2	New Import 2	New Import 2	Airfield Farm Wind Farm		109.29	1.29	1.29
New Import 3	New Import 3	New Import 3	Asserby Wind Farm, Trussthorpe		13.47	1.40	1.40
New Import 4	New Import 4	New Import 4	Baddesley Colliery Solar Farm		4.20	2.35	2.35
New Import 5	New Import 5	New Import 5	Barnwell Manor Solar Farm		63.76	1.82	1.82
New Import 6	New Import 6	New Import 6	Bilsthorpe Solar Farm		21.99	1.82	1.82
New Import 7	New Import 7	New Import 7	Boyah Grange1	1.150	32.26	2.54	2.54
New Import 8	New Import 8	New Import 8	Boyah Grange2	1.150	19.52	2.54	2.54
New Import 9	New Import 9	New Import 9	Boyah Grange3	1.150	5.77	2.54	2.54
313	313	1170000604023	Brafield on the Green PV		29.93	1.82	1.82
New Import 10	New Import 10	New Import 10	Brampton Valley Way Solar Farm		9.75	1.82	1.82
New Import 11	New Import 11	New Import 11	Burton Cliff Farm Solar Farm		1.03	2.07	2.07
New Import 12	New Import 12	New Import 12	Burton Pedwardine Ph1		9.26	1.82	1.82
New Import 13	New Import 13	New Import 13	Churchover Solar Farm		11.22	1.82	1.82
New Import 14	New Import 14	New Import 14	Cinderhill	1.139	11.58	2.54	2.54
New Import 15	New Import 15	New Import 15	Cockley Road Solar Farm		0.91	2.14	2.14
New Import 16	New Import 16	New Import 16	Coney Grey	1.154	2.87	2.54	2.54
New Import 17	New Import 17	New Import 17	Coventry West Solar Farm		5.65	1.92	1.92
New Import 18	New Import 18	New Import 18	Crownhill, Ropsley		0.41	2.54	2.54
New Import 19	New Import 19	New Import 19	Dayfields Farm	1.155	2.79	2.54	2.54
New Import 20	New Import 20	New Import 20	Decoy Farm Crowland WF		3.19	1.26	1.26
New Import 21	New Import 21	New Import 21	Derby New Waste Treatment	1.137	495.22	2.44	2.44
New Import 22	New Import 22	New Import 22	Dorcas Lane Wind Farm		170.95	1.45	1.45
New Import 23	New Import 23	New Import 23	Drakelow Solar Farm		6.21	2.54	2.54
New Import 24	New Import 24	New Import 24	Fennydyke Solar Farm		14.46	2.54	2.54
New Import 25	New Import 25	New Import 25	Fosse Way Solar Farm		9.60	1.82	1.82

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
New Import 26	New Import 26	New Import 26	Grange Fm Gaydon PV		20.65	1.82	1.82
New Import 27	New Import 27	New Import 27	Grange Farm Solar Farm	0.448	24.29	2.23	2.23
New Import 28	New Import 28	New Import 28	Hanby Grange Solar Farm		3.93	1.82	1.82
New Import 29	New Import 29	New Import 29	Heckington Fen		618.86	1.20	1.20
New Import 30	New Import 30	New Import 30	Highfield Fm Honington PV		2.72	1.82	1.82
New Import 31	New Import 31	New Import 31	Holtwood Farm2	1.150	11.37	2.54	2.54
New Import 32	New Import 32	New Import 32	Horsemoor Drove Wind Farm		31.03	1.47	1.47
New Import 33	New Import 33	New Import 33	John Brookes Sawmill		451.52	1.47	1.47
New Import 34	New Import 34	New Import 34	Ladywood Farm	1.156	1.13	2.54	2.54
New Import 35	New Import 35	New Import 35	Land at Newhall		28.40	2.54	2.54
New Import 36	New Import 36	New Import 36	Land off Green Lane Ph2	1.151	4.67	2.54	2.54
New Import 37	New Import 37	New Import 37	Little Harrowden Solar Farm		15.88	1.82	1.82
New Import 38	New Import 38	New Import 38	Little Eau Solar Farm		8.43	2.54	2.54
New Import 39	New Import 39	New Import 39	Lound Solar Farm		19.42	1.82	1.82
New Import 40	New Import 40	New Import 40	Mead Phase1	1.142	18.19	2.54	2.54
New Import 41	New Import 41	New Import 41	Melton Road Solar Farm		1.56	1.82	1.82
New Import 42	New Import 42	New Import 42	Mill Farm 2, Great Ponton		14.56	2.54	2.54
New Import 43	New Import 43	New Import 43	The Mills, Kirkby Green		0.53	1.82	1.82
New Import 44	New Import 44	New Import 44	Nailcote Farm Solar Farm		0.46	1.82	1.82
New Import 45	New Import 45	New Import 45	Naish Farm Solar Farm		1.86	1.82	1.82
New Import 46	New Import 46	New Import 46	Occupation Farm Wind Farm		29.34	1.26	1.26
New Import 47	New Import 47	New Import 47	Park Lane Solar	1.138	13.82	2.54	2.54
New Import 48	New Import 48	New Import 48	Preston Lodge Solar Farm			1.82	1.82
New Import 49	New Import 49	New Import 49	Red House Solar farm		0.47	1.12	1.12
New Import 50	New Import 50	New Import 50	Retford Road Solar Farm			1.82	1.82
New Import 51	New Import 51	New Import 51	Roseland Business Park		0.49	1.65	1.65
New Import 52	New Import 52	New Import 52	Sawley Marina Solar Farm	1.156	2.56	1.82	1.82
New Import 53	New Import 53	New Import 53	Sewstern Lane Wind Farm		13.65	1.26	1.26
312	312	1170000601982	Shelton Lodge PV		5.58	2.54	2.54
New Import 54	New Import 54	New Import 54	Shirebrook Wind Farm		18.24	1.26	1.26
New Import 55	New Import 55	New Import 55	Shuttington Fields Solar Farm		5.10	2.35	2.35
New Import 56	New Import 56	New Import 56	Spring Ridge WF		104.62	1.60	1.60
New Import 57	New Import 57	New Import 57	Standford Solar Farm		5.95	1.82	1.82
New Import 58	New Import 58	New Import 58	Stoke Heights Wind Farm			1.66	1.66
New Import 59	New Import 59	New Import 59	Strixton Solar Farm		52.84	1.82	1.82
New Import 60	New Import 60	New Import 60	Stud Farm, Sutton-on-Trent		1.74	1.82	1.82

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

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

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Name	Import Super Red unit charge (p/kWh)	Import fixed charge (p/day)	Import capacity charge (p/kVA/day)	Import excess capacity charge (p/kVA/day)
New Import 61	New Import 61	New Import 61	Sutton Bonnington PV		2.88	1.82	1.82
New Import 62	New Import 62	New Import 62	Swan Valley Wind Farm			1.26	1.26
New Import 63	New Import 63	New Import 63	Swift Wind Farm		2.78	1.26	1.26
314	314	1170000605221	Sywell PV		57.96	1.82	1.82
New Import 64	New Import 64	New Import 64	Tathall End Solar Farm		14.60	2.01	2.01
New Import 65	New Import 65	New Import 65	Taylor Lane STOR	1.160	6.38	1.72	1.72
New Import 66	New Import 66	New Import 66	JG Pears Farm PV		1,588.81	1.92	1.92
New Import 67	New Import 67	New Import 67	Thornton Solar Farm		50.58	2.85	2.85
New Import 68	New Import 68	New Import 68	Tithe Farm Solar Farm		3.83	1.82	1.82
New Import 69	New Import 69	New Import 69	Town Farm Harold		4.34	1.82	1.82
New Import 70	New Import 70	New Import 70	Trafalgar Park	1.159	3.94	1.72	1.72
New Import 71	New Import 71	New Import 71	Tutbury Solar Farm		32.25	1.82	1.82
New Import 72	New Import 72	New Import 72	Twin Oaks Farm	1.156	1.24	2.54	2.54
New Import 73	New Import 73	New Import 73	Viking Solar Farm		11.48	1.65	1.65
New Import 74	New Import 74	New Import 74	Whitecross Lane PV Park		12.51	1.82	1.82
New Import 75	New Import 75	New Import 75	Whitsundoles Solar Farm		15.92	2.01	2.01
New Import 76	New Import 76	New Import 76	Wilsthorpe Farm		2.32	1.82	1.82
New Import 77	New Import 77	New Import 77	Wilsthorpe Solar Farm		5.10	2.54	2.54
New Import 78	New Import 78	New Import 78	Woolfox Solar Farm		10.67	2.59	2.59
New Import 79	New Import 79	New Import 79	Woolfox Wind Farm		32.53	1.46	1.46

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.

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - Final EDCM export charges

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
367	367	1170000480699	Yew Tree Farm PV		455.10	0.06	0.06
368	368	1170000487151	Cobb Farm Egmonton PV		355.96	0.06	0.06
369	369	1170000530969	Kelmarsh Wind Farm		5,801.08	0.06	0.06
370	370	1170000535113	Pebble Hall Farm AD		6,087.70	0.06	0.06
371	371	1170000549240	Copley Farm PV Claypole		764.60	0.06	0.06
372	372	1170000549278	Greatmoor EFW Calvert		6,334.55	0.06	0.06
373	373	1170000559860	Lodge Farm (Calow) PV		242.66	0.06	0.06
374	374	1170000569850	Arkwright Solar PV		955.11	0.06	0.06
375	375	1170000579254	Langar Solar PV		260.26	0.06	0.06
376	376	1170000580409	Redfield Road 1 STOR		225.47	0.06	0.06
377	377	1170000579928	Averill Farm PV		927.27	0.06	0.06
378	378	1170000582708	Marchington Solar PV		287.07	0.06	0.06
379	379	1170000586508	West End Fm Treswell PV		289.55	0.06	0.06
380	380	1170000586614	Fields Farm Southam PV		250.93	0.06	0.06
381	381	1170000587282	Canopus Farm PV		259.61	0.06	0.06
382	382	1170000594270	Lindridge Farm PV		670.26	0.06	0.06
383	383	1170000594173	Thornborough Grnds PV		504.99	0.06	0.06
384	384	1170000592237	Wymeswold Narrow Lane PV		423.73	0.06	0.06
385	385	1170000598043	Manor Farm Horton PV		439.83	0.06	0.06
386	386	1170000598201	Handley Park Farm PV		509.99	0.06	0.06
705	705	1170000447725	Prestop Park Farm PV		261.29	0.06	0.06
706	706	1170000447488	Smith Hall Solar Farm		502.52	0.06	0.06
707	707	1170000447502	Park Farm Solar Ashby		257.07	0.06	0.06
708	708	1170000451439	Aston House Solar Farm		511.97	0.06	0.06
709	709	1170000453765	Normanton-le-Heath PV Fm		260.91	0.06	0.06
710	710	1170000457626	Elms Farm Solar Farm		260.76	0.06	0.06
711	711	1170000458569	Morton Solar Farm		512.86	0.06	0.06
712	712	1170000463160	Glebe Farm Podington PV		5,324.89	0.06	0.06
713	713	1170000468024	Rolleston Park Solar		683.55	0.06	0.06
714	714	1170000467581	Nowhere Farm PV		960.21	0.06	0.06
715	715	1170000467563	Lockington Solar Farm		826.61	0.06	0.06
716	716	1170000467527	Chelveston Renewable PV		2,614.10	0.06	0.06

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

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

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
717	717	1170000474107	Horsemoor Drove Solar		3,360.83	0.06	0.06
718	718	1170000474445	Decoy Farm Crowland PV		233.93	0.06	0.06
719	719	1170000474427	Decoy Farm Crowland Bio		230.65	0.06	0.06
720	720	1170000474409	Decoy Farm Crowland AD		232.56	0.06	0.06
600	600		Network Rail Bytham				
601	601	1100050641453	Network Rail Grantham				
602	602	1100050106971	Network Rail Staythorpe				
603	603	1100050314637 1100770450945	Network Rail Retford				
604	604	1130000029600	Network Rail Rugby				
605	605	1130000029619	Network Rail Tamworth				
606	606	1130000029628	Network Rail Wolverton				
607	607	1100050223110	Acordis				
7043E	7043	7043	Derwent				
610	610	1100050222428	Derby Co-Generation				
609	609	1100050222552	ABR Foods				
635	635	1160001236229	Petsoe Wind Farm		965.98	0.06	0.06
700	700	1170000330966	Castle Cement		112.32	0.06	0.06
632	632	1100050222604	Coventry & Solihull Waste				
611	611	1170000014584	Bentinck Generation	-0.389	182.34	0.06	0.06
640	640	1160001479030	Asfordby 132kV		5,352.04	0.06	0.06
612	612	1100770095541 1130000014463	Calvert Landfill				
613	613	1100770104693	Weldon Landfill				
614	614	1100770099927	Goosy Lodge Power				
615	615	1160000226336	Burton Wolds Wind Farm				
616	616		Network Rail Bretton				
617	617	1100770683377	Bambers Farm Wind Farm				
618	618	1160000213610	Vine House Wind Farm				
619	619	1160000154160	Red House Wind Farm				
620	620	1160000186560	Daneshill Landfill				
621	621	1130000079897 1160000745066	Newton Longville Landfill				
622	622	1160000909840	Hollies Wind Farm		241.57	0.06	0.06
629	629	1130000044013	Lynn Wind Farm				
630	630	1130000044031	Inner Dowsing Wind Farm				

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

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

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
631	631	1160000999046	Bicker Fen		1,846.04	0.06	0.06
634	634	1100050222473	London Road Heat Station				
633	633	1160001253321	Lindhurst Wind Farm		2,801.69	0.06	0.06
636	636	1100050222464	Boots Thane Road				
608	608	1100050222446	QMC				
637	637	1160001059394	B&Q Manton		57.03	0.06	0.06
638	638	1160001363380	Low Spinney Wind Farm		2,982.89	0.06	0.06
639	639	1160001457408	Swinford Wind Farm		2,569.34	0.06	0.06
641	641	1170000117980	Yelvertoft Wind Farm		2,394.77	0.06	0.06
650	650	1170000199798	Burton Wolds Wind Farm phase 2		2,060.30	0.06	0.06
651	651	1170000137588	Shacks Barn Generation		367.25	0.06	0.06
642	642	1170000112486	North Hykeham EFW		45.24	0.06	0.06
643	643	1160001415356	Sleaford Renewable Energy Plant		994.46	0.06	0.06
644	644	1170000059186	Bilsthorpe Wind Farm		268.78	0.06	0.06
645	645	1170000117953	Old Dalby Lodge Wind Farm		338.08	0.06	0.06
652	652	1170000146680	Willoughby STOR generation		83.87	0.06	0.06
647	647	1170000110610	The Grange Wind Farm		2,946.44	0.06	0.06
648	648	1170000111890	Clay Lake STOR		53.16	0.06	0.06
649	649	1170000113452	Balderton STOR		53.33	0.06	0.06
653	653	1170000172963	Wymeswold Solar Park		2,523.70	0.06	0.06
654	654		French Farm Wind Farm		2,293.06	0.06	0.06
646	646	1170000398495	Lilbourne Wind Farm		672.50	0.06	0.06
655	655	1170000154547	Chelveston Renewable		2,967.35	0.06	0.06
656	656	1170000174836	Beachampton Solar Farm		391.61	0.06	0.06
657	657	1170000182970	Croft End Solar Farm		496.24	0.06	0.06
658	658	1170000233570	M1 Wind farm		228.00	0.06	0.06
659	659	1170000265280	Leamington STOR		1,151.33	0.06	0.06
660	660	1170000280117	Low Farm Anaerobic Dig			0.06	0.06
691	691	1170000280970	Turweston Airfield Solar Farm		294.78	0.06	0.06
692	692	1170000281193	Burton Pedwardine Solar		674.67	0.06	0.06
693	693	1170000306918	Little Morton Farm Solar		399.37	0.06	0.06
694	694	1170000306893	Lodge Farm Solar Park		1,000.82	0.06	0.06
695	695	1170000313171	Ermine Farm PV		5,889.03	0.06	0.06
696	696	1170000319243	Ridge Solar Park		358.56	0.06	0.06
697	697	1170000325292	Winwick Wind Farm			0.06	0.06
698	698	1170000325317	Watford Lodge Wind Farm		3,169.96	0.06	0.06

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

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

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
699	699	1170000326463	Leverton Solar Park		254.89	0.06	0.06
701	701	1170000337517	Burton Pedwardine Phase 2		664.68	0.06	0.06
702	702	1170000369086	Hartwell Solar Farm		2,493.36	0.06	0.06
703	703	1170000369110	Eakley Lanes Solar North		1,138.55	0.06	0.06
704	704	1170000369147	Eakley Lanes Solar South		257.07	0.06	0.06
661	661	1170000388752	Welbeck Colliery PV		509.78	0.06	0.06
662	662	1170000394979	Newton Road PV		374.58	0.06	0.06
663	663	1170000395963	New Albion Wind Farm		2,648.95	0.06	0.06
664	664	1170000400781	Moat Farm PV		971.71	0.06	0.06
665	665	1170000407884	Bilthorpe Solar		707.21	0.06	0.06
666	666	1170000409701	Hall Farm PV		566.56	0.06	0.06
667	667	1170000415955	Gaultney Solar Park		280.37	0.06	0.06
668	668	1170000413708	Fiskerton Solar Farm		2,003.18	0.06	0.06
669	669	1170000424913	Mount Mill Solar Park		623.68	0.06	0.06
670	670	1170000427180	Podington Airfield WF		258.11	0.06	0.06
671	671	1170000428537	Branston South PV Farm		905.43	0.06	0.06
672	672	1170000430191	Eakring Solar Farm		287.74	0.06	0.06
673	673	1170000439886	Ragdale PV Solar Park			0.06	0.06
674	674	1170000438321	Thoresby Solar Farm		564.51	0.06	0.06
675	675	1170000437220	Welbeck Solar Farm		511.20	0.06	0.06
676	676	1170000444681	Atherstone Solar Farm		513.25	0.06	0.06
677	677	1170000445133	Babworth Estate PV Farm		452.13	0.06	0.06
678	678	1170000446128	Gawcott Fields Farm Solar Park		244.80	0.06	0.06
679	679	1170000446606	Homestead Farm Solar Park		625.63	0.06	0.06
680	680	1170000447042	Grange Solar Farm		259.79	0.06	0.06
7015E	7015	7015	Corby Power generation		175.29	0.06	0.06
New Export 1	New Export 1	New Export 1	Whaddon 2872		248.41	0.06	0.06
New Export 2	New Export 2	New Export 2	Airfield Farm Wind Farm		6,666.70	0.06	0.06
New Export 3	New Export 3	New Export 3	Asserby Wind Farm, Trusstorpe		2,693.20	0.06	0.06
New Export 4	New Export 4	New Export 4	Baddesley Colliery Solar Farm		510.89	0.06	0.06
New Export 5	New Export 5	New Export 5	Barnwell Manor Solar Farm		3,542.02	0.06	0.06
New Export 6	New Export 6	New Export 6	Bilthorpe Solar Farm		2,572.29	0.06	0.06
New Export 7	New Export 7	New Export 7	Boyah Grange1		1,747.20	0.06	0.06
New Export 8	New Export 8	New Export 8	Boyah Grange2		1,057.51	0.06	0.06
New Export 9	New Export 9	New Export 9	Boyah Grange3		312.63	0.06	0.06
388	388	1170000604050	Brafield on the Green PV		1,496.65	0.06	0.06

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

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

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
New Export 10	New Export 10	New Export 10	Brampton Valley Way Solar Farm		584.86	0.06	0.06
New Export 11	New Export 11	New Export 11	Burton Cliff Farm Solar Farm		514.06	0.06	0.06
New Export 12	New Export 12	New Export 12	Burton Pedwardine Ph1		674.41	0.06	0.06
New Export 13	New Export 13	New Export 13	Churchover Solar Farm		1,346.78	0.06	0.06
New Export 14	New Export 14	New Export 14	Cinderhill		236.58	0.06	0.06
New Export 15	New Export 15	New Export 15	Cockley Road Solar Farm		908.70	0.06	0.06
New Export 16	New Export 16	New Export 16	Coney Grey		287.43	0.06	0.06
New Export 17	New Export 17	New Export 17	Coventry West Solar Farm		790.41	0.06	0.06
New Export 18	New Export 18	New Export 18	Crownhill, Ropsley		289.89	0.06	0.06
New Export 19	New Export 19	New Export 19	Dayfields Farm		512.30	0.06	0.06
New Export 20	New Export 20	New Export 20	Decoy Farm Crowland WF		287.12	0.06	0.06
New Export 21	New Export 21	New Export 21	Derby New Waste Treatment	-1.160	1,312.34	0.06	0.06
New Export 22	New Export 22	New Export 22	Dorcas Lane Wind Farm		4,558.72	0.06	0.06
New Export 23	New Export 23	New Export 23	Drakelow Solar Farm		621.26	0.06	0.06
New Export 24	New Export 24	New Export 24	Fennydyke Solar Farm		2,208.42	0.06	0.06
New Export 25	New Export 25	New Export 25	Fosse Way Solar Farm		1,151.72	0.06	0.06
New Export 26	New Export 26	New Export 26	Grange Fm Gaydon PV		3,304.16	0.06	0.06
New Export 27	New Export 27	New Export 27	Grange Farm Solar Farm		490.79	0.06	0.06
New Export 28	New Export 28	New Export 28	Hanby Grange Solar Farm		511.15	0.06	0.06
New Export 29	New Export 29	New Export 29	Heckington Fen		25,608.03	0.06	0.06
New Export 30	New Export 30	New Export 30	Highfield Fm Honington PV		231.39	0.06	0.06
New Export 31	New Export 31	New Export 31	Holtwood Farm2		616.10	0.06	0.06
New Export 32	New Export 32	New Export 32	Horsemoor Drove Wind Farm		1,551.74	0.06	0.06
New Export 33	New Export 33	New Export 33	John Brookes Sawmill		2,873.29	0.06	0.06
New Export 34	New Export 34	New Export 34	Ladywood Farm		261.08	0.06	0.06
New Export 35	New Export 35	New Export 35	Land at Newhall		2,256.80	0.06	0.06
New Export 36	New Export 36	New Export 36	Land off Green Lane Ph2		285.63	0.06	0.06
New Export 37	New Export 37	New Export 37	Little Harrowden Solar Farm		2,381.72	0.06	0.06
New Export 38	New Export 38	New Export 38	Little Eau Solar Farm		1,349.57	0.06	0.06
New Export 39	New Export 39	New Export 39	Lound Solar Farm		776.64	0.06	0.06
New Export 40	New Export 40	New Export 40	Mead Phase1		454.75	0.06	0.06
New Export 41	New Export 41	New Export 41	Melton Road Solar Farm		260.65	0.06	0.06
New Export 42	New Export 42	New Export 42	Mill Farm 2, Great Ponton		1,455.83	0.06	0.06
New Export 43	New Export 43	New Export 43	The Mills, Kirkby Green		233.59	0.06	0.06
New Export 44	New Export 44	New Export 44	Nailcote Farm Solar Farm		261.75	0.06	0.06
New Export 45	New Export 45	New Export 45	Naish Farm Solar Farm		260.35	0.06	0.06

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

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

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
New Export 46	New Export 46	New Export 46	Occupation Farm Wind Farm		1,047.69	0.06	0.06
New Export 47	New Export 47	New Export 47	Park Lane Solar		276.48	0.06	0.06
New Export 48	New Export 48	New Export 48	Preston Lodge Solar Farm			0.06	0.06
New Export 49	New Export 49	New Export 49	Red House Solar farm		233.65	0.06	0.06
New Export 50	New Export 50	New Export 50	Retford Road Solar Farm			0.06	0.06
New Export 51	New Export 51	New Export 51	Roseland Business Park		981.70	0.06	0.06
New Export 52	New Export 52	New Export 52	Sawley Marina Solar Farm		512.52	0.06	0.06
New Export 53	New Export 53	New Export 53	Sewstern Lane Wind Farm		1,401.89	0.06	0.06
387	387	1170000601991	Shelton Lodge PV		1,347.21	0.06	0.06
New Export 54	New Export 54	New Export 54	Shirebrook Wind Farm		912.12	0.06	0.06
New Export 55	New Export 55	New Export 55	Shuttington Fields Solar Farm		509.99	0.06	0.06
New Export 56	New Export 56	New Export 56	Spring Ridge WF		2,615.46	0.06	0.06
New Export 57	New Export 57	New Export 57	Standford Solar Farm		594.55	0.06	0.06
New Export 58	New Export 58	New Export 58	Stoke Heights Wind Farm			0.06	0.06
New Export 59	New Export 59	New Export 59	Strixton Solar Farm		4,227.27	0.06	0.06
New Export 60	New Export 60	New Export 60	Stud Farm, Sutton-on-Trent		232.37	0.06	0.06
New Export 61	New Export 61	New Export 61	Sutton Bonnington PV		259.33	0.06	0.06
New Export 62	New Export 62	New Export 62	Swan Valley Wind Farm			0.06	0.06
New Export 63	New Export 63	New Export 63	Swift Wind Farm		512.31	0.06	0.06
389	389	1170000605240	Sywell PV		5,795.60	0.06	0.06
New Export 64	New Export 64	New Export 64	Tathall End Solar Farm		1,752.40	0.06	0.06
New Export 65	New Export 65	New Export 65	Taylor Lane STOR	-1.160	340.12	0.06	0.06
New Export 66	New Export 66	New Export 66	JG Pears Farm PV		13,769.71	0.06	0.06
New Export 67	New Export 67	New Export 67	Thornton Solar Farm		2,023.15	0.06	0.06
New Export 68	New Export 68	New Export 68	Tithe Farm Solar Farm		511.25	0.06	0.06
New Export 69	New Export 69	New Export 69	Town Farm Harold		260.20	0.06	0.06
New Export 70	New Export 70	New Export 70	Trafalgar Park	-1.160	342.56	0.06	0.06
New Export 71	New Export 71	New Export 71	Tutbury Solar Farm		651.42	0.06	0.06
New Export 72	New Export 72	New Export 72	Twin Oaks Farm		246.92	0.06	0.06
New Export 73	New Export 73	New Export 73	Viking Solar Farm		2,296.42	0.06	0.06
New Export 74	New Export 74	New Export 74	Whitecross Lane PV Park		437.95	0.06	0.06
New Export 75	New Export 75	New Export 75	Whitsundoles Solar Farm		2,388.57	0.06	0.06
New Export 76	New Export 76	New Export 76	Wilsthorpe Farm		231.80	0.06	0.06
New Export 77	New Export 77	New Export 77	Wilsthorpe Solar Farm		509.99	0.06	0.06
New Export 78	New Export 78	New Export 78	Woolfox Solar Farm		5,443.96	0.06	0.06
New Export 79	New Export 79	New Export 79	Woolfox Wind Farm		5,422.10	0.06	0.06

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.

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - 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				
HV Medium Non-Domestic	90		1.329	0.026	209.83				
Notes:	Refer to main text in LC14 Statement Of Charges								

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	Reactive power charge p/kVArh	Exceeded capacity charge p/kVA/day
		0							
Notes:									

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

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - Final LDNO tariffs

Time Bands for Half Hourly Metered Properties

Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday	16:00 to 19:00	07:30 to 16:00 19:00 to 21:00	00:00 to 07:30 21:00 to 24:00
Weekends			00:00 to 24:00
Notes	All the above 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 Nov to Feb	16:00 to 19:00	07:30 to 16:00 19:00 to 21:00	00:00 to 07:30 21:00 to 24:00
Monday to Friday Mar to Oct		07:30 to 21:00	00:00 to 07:30 21:00 to 24:00
Weekends			00:00 to 24:00
Notes	All the above 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	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day
LDNO LV: Domestic Unrestricted	10300	1	1.500			3.56			
LDNO LV: Domestic Two Rate	10301	2	1.740	0.047		3.56			
LDNO LV: Domestic Off Peak (related MPAN)	10302	2	0.432						
LDNO LV: Small Non Domestic Unrestricted	10303	3	1.324			3.54			
LDNO LV: Small Non Domestic Two Rate	10304	4	1.470	0.045		3.54			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	10305	4	0.201						
LDNO LV: LV Medium Non-Domestic	10306	5-8	1.449	0.042		21.98			
LDNO LV: LV Network Domestic	10307	0	9.182	0.416	0.043	3.56			
LDNO LV: LV Network Non-Domestic Non-CT	10308	0	9.185	0.401	0.042	3.54			
LDNO LV: LV HH Metered	10309	0	7.899	0.303	0.034	5.22	1.75	0.275	1.75
LDNO LV: NHH UMS category A	10310	8	1.288						
LDNO LV: NHH UMS category B	10311	1	1.718						
LDNO LV: NHH UMS category C	10312	1	2.782						
LDNO LV: NHH UMS category D	10313	1	0.861						
LDNO LV: LV UMS (Pseudo HH Metered)	10314	0	26.175	0.728	0.416				
LDNO LV: LV Generation NHH or Aggregate HH	10315	8 & 0	-0.600						

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

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	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day
LDNO LV: LV Generation Intermittent	10316	0	-0.600					0.222	
LDNO LV: LV Generation Non-Intermittent	10317	0	-4.958	-0.440	-0.033			0.222	
LDNO HV: Domestic Unrestricted	10318	1	1.099			2.99			
LDNO HV: Domestic Two Rate	10319	2	1.275	0.034		2.99			
LDNO HV: Domestic Off Peak (related MPAN)	10320	2	0.317						
LDNO HV: Small Non Domestic Unrestricted	10321	3	0.970			2.60			
LDNO HV: Small Non Domestic Two Rate	10322	4	1.077	0.033		2.60			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	10323	4	0.147						
LDNO HV: LV Medium Non-Domestic	10324	5-8	1.062	0.031		16.11			
LDNO HV: LV Network Domestic	10325	0	6.728	0.305	0.031	2.99			
LDNO HV: LV Network Non-Domestic Non-CT	10326	0	6.730	0.293	0.031	2.60			
LDNO HV: LV HH Metered	10327	0	5.788	0.222	0.025	3.83	1.28	0.201	1.28
LDNO HV: LV Sub HH Metered	10328	0	7.202	0.199	0.025	4.27	2.44	0.237	2.44
LDNO HV: HV HH Metered	10329	0	6.243	0.097	0.018	47.99	3.30	0.183	3.30
LDNO HV: NHH UMS category A	10330	8	0.943						
LDNO HV: NHH UMS category B	10331	1	1.259						
LDNO HV: NHH UMS category C	10332	1	2.038						
LDNO HV: NHH UMS category D	10333	1	0.631						
LDNO HV: LV UMS (Pseudo HH Metered)	10334	0	19.179	0.533	0.305				
LDNO HV: LV Generation NHH or Aggregate HH	10335	8 & 0	-0.600						
LDNO HV: LV Sub Generation NHH	10336	8	-0.524						
LDNO HV: LV Generation Intermittent	10337	0	-0.600					0.222	
LDNO HV: LV Generation Non-Intermittent	10338	0	-4.958	-0.440	-0.033			0.222	
LDNO HV: LV Sub Generation Intermittent	10339	0	-0.524					0.194	

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

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	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day
LDNO HV: LV Sub Generation Non-Intermittent	10340	0	-4.367	-0.374	-0.027			0.194	
LDNO HV: HV Generation Intermittent	10341	0	-0.319					0.152	
LDNO HV: HV Generation Non-Intermittent	10342	0	-2.820	-0.189	-0.013			0.152	
LDNO HVplus: Domestic Unrestricted	10343	1	0.918			2.73			
LDNO HVplus: Domestic Two Rate	10344	2	1.065	0.029		2.73			
LDNO HVplus: Domestic Off Peak (related MPAN)	10345	2	0.264						
LDNO HVplus: Small Non Domestic Unrestricted	10346	3	0.810			2.17			
LDNO HVplus: Small Non Domestic Two Rate	10347	4	0.900	0.027		2.17			
LDNO HVplus: Small Non Domestic Off Peak (related MPAN)	10348	4	0.123						
LDNO HVplus: LV Medium Non-Domestic	10349	5-8	0.887	0.026		13.45			
LDNO HVplus: LV Sub Medium Non-Domestic	10350	5-8	0.882	0.024		2.01			
LDNO HVplus: HV Medium Non-Domestic	10351	5-8	0.916	0.018		144.63			
LDNO HVplus: LV Network Domestic	10352	0	5.619	0.255	0.026	2.73			
LDNO HVplus: LV Network Non-Domestic Non-CT	10353	0	5.620	0.245	0.026	2.17			
LDNO HVplus: LV HH Metered	10354	0	4.834	0.185	0.021	3.20	1.07	0.168	1.07
LDNO HVplus: LV Sub HH Metered	10355	0	5.940	0.164	0.021	3.52	2.01	0.195	2.01
LDNO HVplus: HV HH Metered	10356	0	5.118	0.079	0.014	39.34	2.70	0.150	2.70
LDNO HVplus: NHH UMS category A	10357	8	0.788						
LDNO HVplus: NHH UMS category B	10358	1	1.051						
LDNO HVplus: NHH UMS category C	10359	1	1.702						
LDNO HVplus: NHH UMS category D	10360	1	0.527						
LDNO HVplus: LV UMS (Pseudo HH Metered)	10361	0	16.017	0.445	0.255				
LDNO HVplus: LV Generation NHH or Aggregate HH	10362	8 & 0	-0.367			0.00			
LDNO HVplus: LV Sub Generation NHH	10363	8	-0.361			0.00			

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

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	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day
LDNO HVplus: LV Generation Intermittent	10364	0	-0.367			0.00		0.136	
LDNO HVplus: LV Generation Non-Intermittent	10365	0	-3.033	-0.269	-0.020	0.00		0.136	
LDNO HVplus: LV Sub Generation Intermittent	10366	0	-0.361			0.00		0.134	
LDNO HVplus: LV Sub Generation Non-Intermittent	10367	0	-3.010	-0.258	-0.019	0.00		0.134	
LDNO HVplus: HV Generation Intermittent	10368	0	-0.319			27.52		0.152	
LDNO HVplus: HV Generation Non-Intermittent	10369	0	-2.820	-0.189	-0.013	27.52		0.152	
LDNO EHV: Domestic Unrestricted	10370	1	0.796			2.56			
LDNO EHV: Domestic Two Rate	10371	2	0.924	0.025		2.56			
LDNO EHV: Domestic Off Peak (related MPAN)	10372	2	0.229						
LDNO EHV: Small Non Domestic Unrestricted	10373	3	0.703			1.88			
LDNO EHV: Small Non Domestic Two Rate	10374	4	0.780	0.024		1.88			
LDNO EHV: Small Non Domestic Off Peak (related MPAN)	10375	4	0.107						
LDNO EHV: LV Medium Non-Domestic	10376	5-8	0.769	0.022		11.67			
LDNO EHV: LV Sub Medium Non-Domestic	10377	5-8	0.765	0.021		1.75			
LDNO EHV: HV Medium Non-Domestic	10378	5-8	0.795	0.016		125.48			
LDNO EHV: LV Network Domestic	10379	0	4.875	0.221	0.023	2.56			
LDNO EHV: LV Network Non-Domestic Non-CT	10380	0	4.876	0.213	0.022	1.88			
LDNO EHV: LV HH Metered	10381	0	4.194	0.161	0.018	2.77	0.93	0.146	0.93
LDNO EHV: LV Sub HH Metered	10382	0	5.153	0.142	0.018	3.05	1.75	0.169	1.75
LDNO EHV: HV HH Metered	10383	0	4.440	0.069	0.013	34.13	2.34	0.130	2.34
LDNO EHV: NHH UMS category A	10384	8	0.684						
LDNO EHV: NHH UMS category B	10385	1	0.912						
LDNO EHV: NHH UMS category C	10386	1	1.477						
LDNO EHV: NHH UMS category D	10387	1	0.457						

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

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	Reactive power charge p/kVARh	Excess capacity charge p/kVA/day
LDNO EHV: LV UMS (Pseudo HH Metered)	10388	0	13.897	0.386	0.221				
LDNO EHV: LV Generation NHH or Aggregate HH	10389	8 & 0	-0.318			0.00			
LDNO EHV: LV Sub Generation NHH	10390	8	-0.313			0.00			
LDNO EHV: LV Generation Intermittent	10391	0	-0.318			0.00		0.118	
LDNO EHV: LV Generation Non-Intermittent	10392	0	-2.632	-0.234	-0.018	0.00		0.118	
LDNO EHV: LV Sub Generation Intermittent	10393	0	-0.313			0.00		0.116	
LDNO EHV: LV Sub Generation Non-Intermittent	10394	0	-2.611	-0.224	-0.016	0.00		0.116	
LDNO EHV: HV Generation Intermittent	10395	0	-0.277			23.88		0.132	
LDNO EHV: HV Generation Non-Intermittent	10396	0	-2.447	-0.164	-0.011	23.88		0.132	
LDNO 132kV/EHV: Domestic Unrestricted	10397	1	0.744			2.49			
LDNO 132kV/EHV: Domestic Two Rate	10398	2	0.862	0.023		2.49			
LDNO 132kV/EHV: Domestic Off Peak (related MPAN)	10399	2	0.214						
LDNO 132kV/EHV: Small Non Domestic Unrestricted	10400	3	0.656			1.76			
LDNO 132kV/EHV: Small Non Domestic Two Rate	10401	4	0.729	0.022		1.76			
LDNO 132kV/EHV: Small Non Domestic Off Peak (related MPAN)	10402	4	0.099						
LDNO 132kV/EHV: LV Medium Non-Domestic	10403	5-8	0.718	0.021		10.90			
LDNO 132kV/EHV: LV Sub Medium Non-Domestic	10404	5-8	0.715	0.020		1.63			
LDNO 132kV/EHV: HV Medium Non-Domestic	10405	5-8	0.742	0.015		117.16			
LDNO 132kV/EHV: LV Network Domestic	10406	0	4.552	0.206	0.021	2.49			
LDNO 132kV/EHV: LV Network Non-Domestic Non-CT	10407	0	4.553	0.199	0.021	1.76			
LDNO 132kV/EHV: LV HH Metered	10408	0	3.916	0.150	0.017	2.59	0.87	0.136	0.87
LDNO 132kV/EHV: LV Sub HH Metered	10409	0	4.812	0.133	0.017	2.85	1.63	0.158	1.63
LDNO 132kV/EHV: HV HH Metered	10410	0	4.146	0.064	0.012	31.87	2.19	0.122	2.19
LDNO 132kV/EHV: NHH UMS category A	10411	8	0.638						

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

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	Reactive power charge p/kVARh	Excess capacity charge p/kVA/day
LDNO 132kV/EHV: NHH UMS category B	10412	1	0.852						
LDNO 132kV/EHV: NHH UMS category C	10413	1	1.379						
LDNO 132kV/EHV: NHH UMS category D	10414	1	0.427						
LDNO 132kV/EHV: LV UMS (Pseudo HH Metered)	10415	0	12.976	0.361	0.206				
LDNO 132kV/EHV: LV Generation NHH or Aggregate HH	10416	8 & 0	-0.297			0.00			
LDNO 132kV/EHV: LV Sub Generation NHH	10417	8	-0.293			0.00			
LDNO 132kV/EHV: LV Generation Intermittent	10418	0	-0.297			0.00		0.110	
LDNO 132kV/EHV: LV Generation Non-Intermittent	10419	0	-2.457	-0.218	-0.016	0.00		0.110	
LDNO 132kV/EHV: LV Sub Generation Intermittent	10420	0	-0.293			0.00		0.108	
LDNO 132kV/EHV: LV Sub Generation Non-Intermittent	10421	0	-2.438	-0.209	-0.015	0.00		0.108	
LDNO 132kV/EHV: HV Generation Intermittent	10422	0	-0.258			22.29		0.123	
LDNO 132kV/EHV: HV Generation Non-Intermittent	10423	0	-2.285	-0.153	-0.011	22.29		0.123	
LDNO 132kV: Domestic Unrestricted	10424	1	0.553			2.22			
LDNO 132kV: Domestic Two Rate	10425	2	0.641	0.017		2.22			
LDNO 132kV: Domestic Off Peak (related MPAN)	10426	2	0.159						
LDNO 132kV: Small Non Domestic Unrestricted	10427	3	0.488			1.31			
LDNO 132kV: Small Non Domestic Two Rate	10428	4	0.542	0.016		1.31			
LDNO 132kV: Small Non Domestic Off Peak (related MPAN)	10429	4	0.074						
LDNO 132kV: LV Medium Non-Domestic	10430	5-8	0.534	0.015		8.10			
LDNO 132kV: LV Sub Medium Non-Domestic	10431	5-8	0.531	0.015		1.21			
LDNO 132kV: HV Medium Non-Domestic	10432	5-8	0.552	0.011		87.09			
LDNO 132kV: LV Network Domestic	10433	0	3.384	0.153	0.016	2.22			
LDNO 132kV: LV Network Non-Domestic Non-CT	10434	0	3.385	0.148	0.015	1.31			
LDNO 132kV: LV HH Metered	10435	0	2.911	0.112	0.012	1.92	0.64	0.101	0.64

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

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	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day
LDNO 132kV: LV Sub HH Metered	10436	0	3.577	0.099	0.013	2.12	1.21	0.118	1.21
LDNO 132kV: HV HH Metered	10437	0	3.082	0.048	0.009	23.69	1.63	0.090	1.63
LDNO 132kV: NHH UMS category A	10438	8	0.474						
LDNO 132kV: NHH UMS category B	10439	1	0.633						
LDNO 132kV: NHH UMS category C	10440	1	1.025						
LDNO 132kV: NHH UMS category D	10441	1	0.317						
LDNO 132kV: LV UMS (Pseudo HH Metered)	10442	0	9.646	0.268	0.153				
LDNO 132kV: LV Generation NHH or Aggregate HH	10443	8 & 0	-0.221			0.00			
LDNO 132kV: LV Sub Generation NHH	10444	8	-0.217			0.00			
LDNO 132kV: LV Generation Intermittent	10445	0	-0.221			0.00		0.082	
LDNO 132kV: LV Generation Non-Intermittent	10446	0	-1.827	-0.162	-0.012	0.00		0.082	
LDNO 132kV: LV Sub Generation Intermittent	10447	0	-0.217			0.00		0.081	
LDNO 132kV: LV Sub Generation Non-Intermittent	10448	0	-1.813	-0.155	-0.011	0.00		0.081	
LDNO 132kV: HV Generation Intermittent	10449	0	-0.192			16.57		0.092	
LDNO 132kV: HV Generation Non-Intermittent	10450	0	-1.698	-0.114	-0.008	16.57		0.092	
LDNO 0000: Domestic Unrestricted	10451	1	0.190			1.70			
LDNO 0000: Domestic Two Rate	10452	2	0.221	0.006		1.70			
LDNO 0000: Domestic Off Peak (related MPAN)	10453	2	0.055						
LDNO 0000: Small Non Domestic Unrestricted	10454	3	0.168			0.45			
LDNO 0000: Small Non Domestic Two Rate	10455	4	0.187	0.006		0.45			
LDNO 0000: Small Non Domestic Off Peak (related MPAN)	10456	4	0.025						
LDNO 0000: LV Medium Non-Domestic	10457	5-8	0.184	0.005		2.79			
LDNO 0000: LV Sub Medium Non-Domestic	10458	5-8	0.183	0.005		0.42			
LDNO 0000: HV Medium Non-Domestic	10459	5-8	0.190	0.004		29.99			

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

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	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day
LDNO 0000: LV Network Domestic	10460	0	1.165	0.053	0.005	1.70			
LDNO 0000: LV Network Non-Domestic Non-CT	10461	0	1.165	0.051	0.005	0.45			
LDNO 0000: LV HH Metered	10462	0	1.002	0.038	0.004	0.66	0.22	0.035	0.22
LDNO 0000: LV Sub HH Metered	10463	0	1.232	0.034	0.004	0.73	0.42	0.040	0.42
LDNO 0000: HV HH Metered	10464	0	1.061	0.016	0.003	8.16	0.56	0.031	0.56
LDNO 0000: NHH UMS category A	10465	8	0.163						
LDNO 0000: NHH UMS category B	10466	1	0.218						
LDNO 0000: NHH UMS category C	10467	1	0.353						
LDNO 0000: NHH UMS category D	10468	1	0.109						
LDNO 0000: LV UMS (Pseudo HH Metered)	10469	0	3.321	0.092	0.053				
LDNO 0000: LV Generation NHH or Aggregate HH	10470	8 & 0	-0.076			0.00			
LDNO 0000: LV Sub Generation NHH	10471	8	-0.075			0.00			
LDNO 0000: LV Generation Intermittent	10472	0	-0.076			0.00		0.028	
LDNO 0000: LV Generation Non-Intermittent	10473	0	-0.629	-0.056	-0.004	0.00		0.028	
LDNO 0000: LV Sub Generation Intermittent	10474	0	-0.075			0.00		0.028	
LDNO 0000: LV Sub Generation Non-Intermittent	10475	0	-0.624	-0.053	-0.004	0.00		0.028	
LDNO 0000: HV Generation Intermittent	10476	0	-0.066			5.71		0.032	
LDNO 0000: HV Generation Non-Intermittent	10477	0	-0.585	-0.039	-0.003	5.71		0.032	

Annex 5 – Schedule of Line Loss Factors

Western Power Distribution (East Midlands) plc - Illustrative LLFs Effective between 1/4/2016 and 31/3/2017				
Time periods	Period 1	Period 2	Period 3	Period 4
	Peak	Winter	Night	Other
Monday to Friday Mar to Oct			00:30 – 07:30	07:30 – 00:30
Monday to Friday Nov to Feb	16:00 – 19:00	07:30 – 16:00 19:00 – 20:00	00:30 – 07:30	20:00 – 00:30
Saturday and Sunday All Year			00:30 – 07:30	07:30 – 00:30
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.093	1.085	1.073	1.078	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49, 52, 58, 81, 82, 83, 84, 85, 246, 247, 800, 801, 802, 803, 804, 821, 900, 901, 971, 973, 986, 987, 990, 993, 994, 995
Low Voltage Substation	1.053	1.051	1.051	1.049	59, 80, 970, 972, 974
High Voltage Network	1.034	1.032	1.029	1.030	60, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 929, 975, 977, 991, 996
High Voltage Substation	1.018	1.018	1.020	1.018	
EHV connected	1.010	1.010	1.011	1.010	997
132/EHV connected	1.007	1.007	1.010	1.008	
132/HV connected	1.008	1.008	1.009	1.008	
132kV connected	1.002	1.002	1.002	1.002	

EHV site specific LLFs					
Demand					
Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Yew Tree Farm PV (Import)	1.010	1.010	1.011	1.010	292
Cobb Farm Egmonton PV (Import)	1.010	1.010	1.011	1.010	293
Kelmarsh Wind Farm (Import)	1.010	1.010	1.011	1.010	294
Pebble Hall Farm AD (Import)	1.010	1.010	1.011	1.010	295
Copley Farm PV Claypole (Imp)	1.010	1.010	1.011	1.010	296
Greatmoor EFW Calvert (Import)	1.010	1.010	1.011	1.010	297
Lodge Farm (Calow) PV Import	1.010	1.010	1.011	1.010	298
Arkwright Solar PV (Import)	1.010	1.010	1.011	1.010	299
Langar Solar PV (Import)	1.010	1.010	1.011	1.010	300
Redfield Road 1 STOR (Import)	1.010	1.010	1.011	1.010	301
Averill Farm PV (Import)	1.010	1.010	1.011	1.010	302
Marchington Solar PV (Import)	1.010	1.010	1.011	1.010	303
West End Fm Treswell PV (Imp)	1.010	1.010	1.011	1.010	304
Fields Farm Southam PV (Imp)	1.010	1.010	1.011	1.010	305
Canopus Farm PV (Import)	1.010	1.010	1.011	1.010	306
Lindridge Farm PV (Import)	1.010	1.010	1.011	1.010	307
Thornborough Grnds PV (Import)	1.010	1.010	1.011	1.010	308
Wymeswold Narrow Lane PV (Imp)	1.010	1.010	1.011	1.010	309
Manor Farm Horton PV (Import)	1.010	1.010	1.011	1.010	310
Handley Park Farm PV (Import)	1.010	1.010	1.011	1.010	311
Shelton Lodge PV (Import)	1.010	1.010	1.011	1.010	312
Brafield on the Green PV (Imp)	1.010	1.010	1.011	1.010	313
Sywell PV (Import)	1.010	1.010	1.011	1.010	314
Prestop Park Farm PV (Import)	1.010	1.010	1.011	1.010	784
Smith Hall Farm Solar (Import)	1.010	1.010	1.011	1.010	785
Park Farm Solar Ashby (Import)	1.010	1.010	1.011	1.010	786
Aston House Solar Farm (Import)	1.010	1.010	1.011	1.010	787
Normanton-le-Heath PV Fm (Imp)	1.010	1.010	1.011	1.010	788
Elms Farm Solar Farm (Import)	1.010	1.010	1.011	1.010	789
Morton Solar Farm (Import)	1.010	1.010	1.011	1.010	790
Glebe Farm Podington PV-Import	1.010	1.010	1.011	1.010	791
Rolleston Park Solar (Import)	1.010	1.010	1.011	1.010	792
Nowhere Farm PV (Import)	1.010	1.010	1.011	1.010	793
Lockington Solar Farm (Import)	1.010	1.010	1.011	1.010	794
Chelveston Renewable PV-Import	1.010	1.010	1.011	1.010	795
Horsemoor Drove Solar (Import)	1.010	1.010	1.011	1.010	796
Decoy Farm Crowland PV-Import	1.010	1.010	1.011	1.010	797
Decoy Farm Crowland Bio-Import	1.010	1.010	1.011	1.010	798
Decoy Farm Crowland AD-Import	1.010	1.010	1.011	1.010	799
Railtrack Bytham (Import)	1.009	1.009	1.008	1.009	824
Railtrack Grantham (Import)	1.016	1.016	1.015	1.015	825
Railtrack Staythorpe (Import)	1.000	1.000	1.000	1.000	826
Railtrack Retford (Import)	1.027	1.027	1.026	1.027	827
Railtrack Rugby (Import)	1.014	1.014	1.013	1.014	828
Railtrack Tamworth (Import)	1.009	1.009	1.009	1.009	829
Railtrack Wolverton (Import)	1.013	1.013	1.013	1.013	830
Jaguar Cars	1.018	1.018	1.020	1.018	831
Alstom Frankton	1.018	1.018	1.020	1.018	832
University of Warwick	1.018	1.018	1.020	1.018	833
Dunlop Factory	1.018	1.018	1.020	1.018	834
Bombardier	1.012	1.012	1.012	1.012	835

Annex 5 – Schedule of Line Loss Factors

Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Corus Corby (Import)	1.012	1.012	1.012	1.012	836
Acordis (Import)	1.025	1.025	1.025	1.025	837
Derwent (Import)	1.002	1.002	1.002	1.002	838
GEC Alstom (Import)	1.039	1.039	1.011	1.010	839
St Gobain (Import)	1.038	1.038	1.038	1.038	840
Toyota (Import)	1.002	1.003	1.003	1.003	841
Derby Co-Generation (Import)	1.003	1.003	1.003	1.003	842
Rolls Royce Sinfin C (Import)	1.000	1.000	1.011	1.000	843
ABR Foods (Import)	1.010	1.010	1.013	1.013	844
Petsoe Wind Farm (Import)	1.010	1.010	1.011	1.010	845
Castle Cement (Import)	1.055	1.055	1.055	1.055	846
Rugby Cement (Import)	1.033	1.034	1.034	1.034	847
Cov & Sol Waste (Import)	1.010	1.010	1.011	1.010	848
Bentinck (Import)	1.010	1.010	1.011	1.010	849
Asfordby 132kv	1.000	1.001	1.000	1.000	852
Calvert Landfill (Import)	1.010	1.010	1.011	1.010	853
Weldon Landfill (Import)	1.010	1.010	1.011	1.010	854
Goosy Lodge Power (Import)	1.010	1.010	1.011	1.010	855
BAR Honda (Import)	1.021	1.021	1.021	1.021	856
Burton Wolds Wind Farm Import	1.010	1.010	1.011	1.010	857
Railtrack Bretton (Import)	1.012	1.012	1.012	1.012	858
Bambers Farm Wind Farm Import	1.010	1.010	1.011	1.010	859
Vine House Wind Farm Import	1.010	1.010	1.011	1.010	860
Red House Wind Farm Import	1.010	1.010	1.011	1.010	861
Daneshill Landfill (Import)	1.010	1.010	1.011	1.010	862
Corby Power (Import)	1.010	1.040	1.040	1.040	863
Newton Longville Import	1.010	1.010	1.011	1.010	864
Hollies Wind Farm Import	1.010	1.010	1.011	1.010	865
Lynn Wind Farm (Import)	1.002	1.002	1.002	1.002	866
Inner Dowsing Wind Farm Import	1.002	1.002	1.002	1.002	867
Bicker Fen Wind Farm (Import)	1.010	1.010	1.011	1.010	868
London Road CHP (Import)	1.018	1.018	1.020	1.018	869
Lindhurst Wind Farm (Import)	1.010	1.010	1.011	1.010	870
Staveley Works	1.018	1.018	1.020	1.018	871
AP Drivelines	1.018	1.018	1.020	1.018	872
Rolls Royce Coventry	1.018	1.018	1.020	1.018	873
UK COAL MINING LTD	1.018	1.018	1.020	1.018	874
Caterpillar	1.018	1.018	1.020	1.018	875
Santander Carlton Park	1.018	1.018	1.020	1.018	876
Brush	1.018	1.018	1.020	1.018	877
JCB	1.018	1.018	1.020	1.018	878
Cast Bar UK	1.018	1.018	1.020	1.018	879
Bretby GP	1.018	1.018	1.020	1.018	880
Holwell Works	1.018	1.018	1.020	1.018	881
Pedigree Petfoods	1.018	1.018	1.020	1.018	882
Alstom Wolverton	1.018	1.018	1.020	1.018	883
Colworth Laboratory	1.018	1.018	1.020	1.018	884
Boots Thane Road	1.018	1.018	1.020	1.018	885
QMC	1.018	1.018	1.020	1.018	886
British Gypsum	1.018	1.018	1.020	1.018	887
Melbourne STW	1.018	1.018	1.020	1.018	888
Whetstone	1.018	1.018	1.020	1.018	889
Holbrook Works	1.018	1.018	1.020	1.018	890
Astrazeneca Charnwood	1.018	1.018	1.020	1.018	891
B&Q Mantol (Import)	1.018	1.018	1.020	1.018	892
Transco Churchover	1.018	1.018	1.020	1.018	893
Alstom Rugby	1.018	1.018	1.020	1.018	894
Low Spinney Wind Farm	1.010	1.010	1.011	1.010	896
SWINFORD WINDFARM (Import)	1.010	1.010	1.011	1.010	897
Yelvertoft Wind Farm	1.010	1.010	1.011	1.010	898
Maxwell House Data Centre	1.010	1.010	1.011	1.010	899
Burton Wolds Ext North Import	1.010	1.010	1.011	1.010	902
Shacks Barn PV Import	1.010	1.010	1.011	1.010	903
Hatton Gas Compressor	1.012	1.012	1.002	1.011	904
North Hykeham EFW	1.045	1.045	1.045	1.045	905
Sleaford Renewable (Import)	1.039	1.039	1.039	1.039	906
Bilthorpe Wind Farm (Import)	1.010	1.010	1.011	1.010	907
Old Dalby Lodge WndFarm Import	1.010	1.010	1.011	1.010	908
Willoughby STOR (Import)	1.010	1.010	1.011	1.010	909
Rolls Royce AB&E 33kV (Import)	1.013	1.013	1.013	1.013	910
The Grange Wind Farm (Import)	1.010	1.010	1.011	1.010	911
Clay Lake STOR (Import)	1.010	1.010	1.011	1.010	912
Balderton STOR (Import)	1.010	1.010	1.011	1.010	913
Wymeswold Solar Park (Import)	1.010	1.010	1.011	1.010	914
French Farm Wind Farm (Import)	1.010	1.010	1.011	1.010	915
Lilbourne Wind Farm (Import)	1.010	1.010	1.011	1.010	916
Chelveston Renewable (Import)	1.010	1.010	1.011	1.010	917
Beachampton Solar Farm Import	1.010	1.010	1.011	1.010	918
Croft End Solar Farm (Import)	1.010	1.010	1.011	1.010	919
M1 Wind Farm (Import)	1.010	1.010	1.011	1.010	920
Leamington STOR (Import)	1.010	1.010	1.011	1.010	921
Low Farm Anaerobic Dig (Imp)	1.010	1.010	1.011	1.010	922
Turweston Airfield Solar (Imp)	1.010	1.010	1.011	1.010	923
Burton Pedwardine Solar (Imp)	1.010	1.010	1.011	1.010	924
Little Morton Farm Solar (Imp)	1.010	1.010	1.011	1.010	925
Rockingham	1.018	1.018	1.020	1.018	930
Santander Carlton Park 132/11	1.008	1.008	1.009	1.008	931
Delphi Diesel	1.018	1.018	1.020	1.018	932
Lodge Farm Solar Park (Import)	1.010	1.010	1.011	1.010	940
Ermine Farm PV (Import)	1.010	1.010	1.011	1.010	941
Ridge Solar Park (Import)	1.010	1.010	1.011	1.010	942
Winwick Wind Farm (Import)	1.010	1.010	1.011	1.010	943
Watford Lodge Wind Farm (Imp)	1.010	1.010	1.011	1.010	944
Leverton Solar Park (Import)	1.010	1.010	1.011	1.010	945
Burton Pedwardine Phase 2 Imp	1.010	1.010	1.011	1.010	946
Hartwell Solar Farm (Import)	1.010	1.010	1.011	1.010	947

Annex 5 – Schedule of Line Loss Factors

Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Eakley Lanes Solar North (Imp)	1.010	1.010	1.011	1.010	948
Eakley Lanes Solar South (Imp)	1.010	1.010	1.011	1.010	949
Welbeck Colliery PV (Import)	1.010	1.010	1.011	1.010	950
Newton Road PV (Import)	1.010	1.010	1.011	1.010	951
New Albion WF (Import)	1.010	1.010	1.011	1.010	952
Moat Farm PV (Import)	1.010	1.010	1.011	1.010	953
Bilthorpe Solar (Import)	1.010	1.010	1.011	1.010	954
Hall Farm PV (Import)	1.010	1.010	1.011	1.010	955
Gaultney Solar Park (Import)	1.010	1.010	1.011	1.010	956
Fiskerton Solar Farm (Import)	1.010	1.010	1.011	1.010	957
Mount Mill Solar Park (Import)	1.010	1.010	1.011	1.010	958
Podington Airfield WF (Import)	1.010	1.010	1.011	1.010	959
Branston South PV Farm(Import)	1.010	1.010	1.011	1.010	960
Eakring Solar Farm (Import)	1.010	1.010	1.011	1.010	961
Ragdale PV Solar Park (Import)	1.010	1.010	1.011	1.010	962
Thoresby Solar Farm (Import)	1.010	1.010	1.011	1.010	963
Welbeck Solar Farm (Import)	1.010	1.010	1.011	1.010	964
Atherstone Solar Farm (Import)	1.010	1.010	1.011	1.010	965
Babworth Estate PV Farm (Imp)	1.010	1.010	1.011	1.010	966
Gawcott Fields Solar Park(Imp)	1.010	1.010	1.011	1.010	967
Homestead Farm Solar Park(Imp)	1.010	1.010	1.011	1.010	968
Grange Solar Farm (Import)	1.010	1.010	1.011	1.010	969

EHV sites specific LLFs

Generation

Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Yew Tree Farm PV (Export)	1.010	1.010	1.011	1.010	367
Cobb Farm Egmonton PV (Export)	1.010	1.010	1.011	1.010	368
Kelmarsh Wind Farm (Export)	1.010	1.010	1.011	1.010	369
Pebble Hall Farm AD (Export)	1.010	1.010	1.011	1.010	370
Copley Farm PV Claypole (Exp)	1.010	1.010	1.011	1.010	371
Greatmoor EFW Calvert (Export)	1.010	1.010	1.011	1.010	372
Lodge Farm (Calow) PV Export	1.010	1.010	1.011	1.010	373
Arkwright Solar PV (Export)	1.010	1.010	1.011	1.010	374
Langar Solar PV (Export)	1.010	1.010	1.011	1.010	375
Redfield Road 1 STOR (Export)	1.010	1.010	1.011	1.010	376
Averill Farm PV (Export)	1.010	1.010	1.011	1.010	377
Marchington Solar PV (Export)	1.010	1.010	1.011	1.010	378
West End Fm Treswell PV (Exp)	1.010	1.010	1.011	1.010	379
Fields Farm Southam PV (Exp)	1.010	1.010	1.011	1.010	380
Canopus Farm PV (Export)	1.010	1.010	1.011	1.010	381
Lindridge Farm PV (Export)	1.010	1.010	1.011	1.010	382
Thornborough Grnds PV (Export)	1.010	1.010	1.011	1.010	383
Wymeswold Narrow Lane PV (Exp)	1.010	1.010	1.011	1.010	384
Manor Farm Horton PV (Export)	1.010	1.010	1.011	1.010	385
Handley Park Farm PV (Export)	1.010	1.010	1.011	1.010	386
Shelton Lodge PV (Export)	1.010	1.010	1.011	1.010	387
Brafield on the Green PV (Exp)	1.010	1.010	1.011	1.010	388
Sywell PV (Export)	1.010	1.010	1.011	1.010	389
Railtrack Bytham (Export)	1.010	1.010	1.011	1.010	600
Railtrack Grantham (Export)	1.010	1.010	1.011	1.010	601
Railtrack Staythorpe (Export)	1.010	1.010	1.011	1.010	602
Railtrack Retford (Export)	1.010	1.010	1.011	1.010	603
Railtrack Rugby (Export)	1.017	1.017	1.011	1.016	604
Railtrack Tamworth (Export)	1.009	1.009	1.011	1.009	605
Railtrack Wolverton (Export)	1.020	1.019	1.011	1.019	606
Acordis (Export)	1.010	1.010	1.011	1.010	607
QMC (Export)	1.018	1.018	1.020	1.018	608
ABR Foods (Export)	1.012	1.012	1.012	1.012	609
Derby Co-Generation (Export)	1.002	1.002	1.002	1.003	610
Bentinck (Export)	1.010	1.010	1.011	1.010	611
Calvert Landfill (Export)	1.005	1.007	1.005	1.006	612
Weldon Landfill (Export)	1.009	1.009	1.009	1.009	613
Goosy Lodge Power (Export)	1.015	1.015	1.015	1.015	614
Burton Wolds Wind Farm Export	1.017	1.017	1.020	1.019	615
Railtrack Bretton (Export)	1.010	1.010	1.011	1.010	616
Bambers Farm Wind Farm Export	1.009	1.009	1.009	1.009	617
Vine House Wind Farm Export	1.029	1.029	1.032	1.031	618
Red House Wind Farm Export	1.056	1.056	1.060	1.060	619
Daneshill Landfill (Export)	1.030	1.040	1.036	1.044	620
Newton Longville Export	1.022	1.022	1.022	1.022	621
Hollies Wind Farm Export	1.001	1.001	1.001	1.001	622
Lynn Wind Farm (Export)	1.015	1.014	1.020	1.020	629
Inner Dowsing Wind Farm Export	1.015	1.015	1.019	1.020	630
Bicker Fen Wind Farm (Export)	1.043	1.042	1.047	1.045	631
Cov & Sol Waste (Export)	1.018	1.018	1.020	1.018	632
Lindhurst Wind Farm (Export)	1.005	1.005	1.007	1.006	633
London Road CHP (Export)	1.016	1.016	1.016	1.016	634
Petsoe Wind Farm (Export)	1.024	1.023	1.027	1.026	635
Boots Thane Road (Export)	1.018	1.018	1.020	1.018	636
B&Q Manton (Export)	1.018	1.018	1.020	1.018	637
Low Spinney Wind Farm (Export)	1.031	1.030	1.032	1.032	638
SWINFORD WINDFARM (Export)	1.024	1.024	1.025	1.025	639
Asfordby Generation	1.001	1.001	1.002	1.001	640
Yelvertoft (Export)	1.046	1.046	1.048	1.048	641
North Hykeham Export	1.033	1.034	1.035	1.035	642
Sleaford Renewable (Export)	1.035	1.035	1.037	1.037	643
Bilthorpe Wind Farm (Export)	0.996	0.996	0.998	0.998	644
Old Dalby Lodge WndFarm Export	1.010	1.010	1.011	1.010	645
Lilbourne Wind Farm (Export)	1.010	1.010	1.011	1.010	646
The Grange Wind Farm (Export)	1.033	1.033	1.035	1.035	647
Clay Lake STOR (Export)	1.010	1.010	1.011	1.010	648
Balderton STOR (Export)	1.010	1.010	1.011	1.010	649
Burton Wolds Ext North Export	1.025	1.025	1.029	1.030	650

Annex 5 – Schedule of Line Loss Factors

Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Shacks Barn PV Export	1.010	1.061	1.011	1.062	651
Willoughby STOR (Export)	1.012	1.010	1.011	1.010	652
Wymeswold Solar Park (Export)	1.024	1.023	1.025	1.022	653
French Farm Wind Farm (Export)	1.010	1.010	1.011	1.010	654
Chelveston Renewable (Export)	1.008	1.006	1.012	1.009	655
Beachampton Solar Farm Export	1.010	1.012	1.011	1.012	656
Croft End Solar Farm (Export)	1.010	1.035	1.011	1.035	657
M1 Wind Farm (Export)	1.042	1.042	1.043	1.043	658
Leamington STOR Export	1.010	1.010	1.011	1.010	659
Low Farm Anaerobic Dig (Exp)	1.053	1.053	1.053	1.052	660
Welbeck Colliery PV (Export)	1.010	1.010	1.011	1.010	661
Newton Road PV (Export)	1.010	1.010	1.011	1.010	662
New Albion WF (Export)	1.010	1.010	1.011	1.010	663
Moat Farm PV (Export)	1.010	1.010	1.011	1.010	664
Bilthorpe Solar (Export)	1.010	1.010	1.011	1.010	665
Hall Farm PV (Export)	1.010	1.010	1.011	1.010	666
Gaultney Solar Park (Export)	1.010	1.010	1.011	1.010	667
Fiskerton Solar Farm (Export)	1.010	1.010	1.011	1.010	668
Mount Mill Solar Park (Export)	1.010	1.010	1.011	1.010	669
Podington Airfield WF (Export)	1.010	1.010	1.011	1.010	670
Branston South PV Farm(Export)	1.010	1.010	1.011	1.010	671
Eakring Solar Farm (Export)	1.010	1.010	1.011	1.010	672
Ragdale PV Solar Park (Export)	1.010	1.010	1.011	1.010	673
Thoresby Solar Farm (Export)	1.010	1.010	1.011	1.010	674
Welbeck Solar Farm (Export)	1.010	1.010	1.011	1.010	675
Atherstone Solar Farm (Export)	1.010	1.010	1.011	1.010	676
Babworth Estate PV Farm (Exp)	1.010	1.010	1.011	1.010	677
Gawcott Fields Solar Park(Exp)	1.010	1.010	1.011	1.010	678
Homestead Farm Solar Park(Exp)	1.010	1.010	1.011	1.010	679
Grange Solar Farm (Export)	1.010	1.010	1.011	1.010	680
Turweston Airfield Solar (Exp)	1.010	1.010	1.011	1.010	691
Burton Pedwardine Solar (Exp)	1.010	1.030	1.011	1.029	692
Little Morton Farm Solar (Exp)	1.010	1.041	1.011	1.041	693
Lodge Farm Solar Park (Export)	1.010	1.042	1.011	1.041	694
Ermine Farm PV (Export)	1.025	1.023	1.011	1.024	695
Ridge Solar Park (Export)	1.010	1.010	1.011	1.009	696
Winwick Wind Farm (Export)	1.010	1.010	1.011	1.010	697
Watford Lodge Wind Farm (Exp)	1.010	1.010	1.011	1.010	698
Leverton Solar Park (Export)	1.010	1.076	1.011	1.075	699
Castle Cement (Export)	1.010	1.010	1.011	1.010	700
Burton Pedwardine Phase 2 Exp	1.010	1.030	1.011	1.030	701
Hartwell Solar Farm (Export)	1.010	1.010	1.011	1.010	702
Eakley Lanes Solar North (Exp)	1.010	1.010	1.011	1.010	703
Eakley Lanes Solar South (Exp)	1.010	1.010	1.011	1.010	704
Prestop Park Farm PV (Export)	1.010	1.010	1.011	1.010	705
Smith Hall Farm Solar (Export)	1.010	1.010	1.011	1.010	706
Park Farm Solar Ashby (Export)	1.010	1.010	1.011	1.010	707
Aston House Solar Farm(Export)	1.010	1.010	1.011	1.010	708
Normanton-le-Heath PV Fm (Exp)	1.010	1.010	1.011	1.010	709
Elms Farm Solar Farm (Export)	1.010	1.010	1.011	1.010	710
Morton Solar Farm (Export)	1.010	1.010	1.011	1.010	711
Glebe Farm Podington PV-Export	1.010	1.010	1.011	1.010	712
Rolleston Park Solar (Export)	1.010	1.010	1.011	1.010	713
Nowhere Farm PV (Export)	1.010	1.010	1.011	1.010	714
Lockington Solar Farm (Export)	1.010	1.010	1.011	1.010	715
Chelveston Renewable PV-Export	1.010	1.010	1.011	1.010	716
Horsemoor Drove Solar (Export)	1.010	1.010	1.011	1.010	717
Decoy Farm Crowland PV-Export	1.010	1.010	1.011	1.010	718
Decoy Farm Crowland Bio-Export	1.010	1.010	1.011	1.010	719
Decoy Farm Crowland AD-Export	1.010	1.010	1.011	1.010	720
Corby Power	1.012	1.024	1.028	1.026	7015
Derwent Cogeneration	1.002	1.002	1.002	1.002	7043

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

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - 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 excess capacity charge (p/kVA/day)	Export Super Red unit charge (p/kWh)	Export fixed charge (p/day)	Export capacity charge (p/kVA/day)	Export excess capacity charge (p/kVA/day)
EDCM import 1			EDCM export 1											
EDCM import 2			EDCM export 2											
EDCM import 3			EDCM export 3											
EDCM import 4			EDCM export 4											
EDCM import 5			EDCM export 5											
EDCM import 6			EDCM export 6											
EDCM import 7			EDCM export 7											
EDCM import 8			EDCM export 8											
EDCM import 9			EDCM export 9											
EDCM import 10			EDCM export 10											

Western Power Distribution (East Midlands) plc - Effective between 1/4/2016 and 31/3/2017 - 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
EDCM Import 1			EDCM Export 1													
EDCM Import 2			EDCM Export 2													
EDCM Import 3			EDCM Export 3													
EDCM Import 4			EDCM Export 4													
EDCM Import 5			EDCM Export 5													
EDCM Import 6			EDCM Export 6													
EDCM Import 7			EDCM Export 7													
EDCM Import 8			EDCM Export 8													
EDCM Import 9			EDCM Export 9													
EDCM Import 10			EDCM Export 10													

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