

A large green stylized plug icon on the left side of the page, partially overlapping the main title.

ELECTRICITY NORTH WEST

Use of System Charging Statement

FINAL NOTICE

Effective from 1st April 2014

Version 1.0

Version Control

Version	Date	Description of version and any changes made
v1.0	December 2013	Based on template issued by Electralink on 04-Dec-13 Includes final charges effective from 2014

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

Contents

1. Introduction	4
2. Charge application and definitions	6
Supercustomer billing and payment	6
Supercustomer charges	6
Site-specific billing and payment	7
Site-specific billed charges	8
Time periods for half-hourly Metered properties	9
Time periods for half-hourly Unmetered properties	9
Application of capacity charges	9
Chargeable capacity	9
Exceeded capacity	10
Demand exceeded capacity	10
Generation exceeded capacity	10
Standby capacity for additional security on site	11
Minimum capacity levels	11
Application of charges for excess reactive power	11
Demand chargeable reactive power	11
Generation chargeable reactive power	12
Generation charges for pre-2005 Designated EHV Properties	12
Provision of billing data	13
Out of area Use of System charges	13
Licensed Distribution Network Operator charges	13
3. Schedule of charges for use of the Distribution system	14
4. Schedule of Line Loss Factors	15
Role of Line Loss Factors in the supply of electricity	15
Calculation of Line Loss Factors	15
Line Loss Factor time periods	15
Line Loss Factor tables	16
5. Notes for Designated EHV Properties	17
EDCM Nodal costs	17
Charges for new Designated EHV Properties	17
Charges for amended Designated EHV Properties	17
Demand-side management	18
6. Electricity distribution rebates	19
7. Accounting and administration services	19
8. Charges for electrical plant provided ancillary to the grant of Use of System	19
9. Glossary of terms	20
Annex 1 - Schedule of charges for use of the Distribution system by LV and HV Designated Properties	
Annex 2 - Schedule of charges for use of the Distribution system by Designated EHV Properties (including LDNOs with Designated EHV Properties/end-Users).	
Annex 3 - Schedule of charges for use of the Distribution system by preserved/additional LLF classes	
Annex 4 - Charges applied to LDNOs with LV and HV end-Users	
Annex 5 - Schedule of line loss factors	
Annex 6 - Addendum to charging statement detailing charges for new Designated EHV Properties	

1. Introduction

- 1.1. This statement has been prepared in order to discharge Electricity North West's obligation under Standard Licence Condition 14 of its Electricity Distribution Licence. It contains information about our charges¹ and charging principles for use of our Distribution System. It also contains information about our Line Loss Factors (LLFs).
- 1.2. 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 Distribution Charging Methodology (EDCM) for Designated Extra-high voltage (EHV) Properties. The application of charges to a premises can usually be referenced using the Line Loss Factor class (LLFC) contained in the charge tables.
- 1.3. All charges in this statement are shown exclusive of VAT.
- 1.4. The annexes that form part of this statement are also provided for additional convenience in spreadsheet format. This spreadsheet also contains supplementary information used for charging purposes but which is not required to be provided in accordance with standard licence condition 14. This spreadsheet can be downloaded from <http://www.enwl.co.uk/our-services/use-of-system-charges>.
- 1.5. If you have any questions about this statement please contact us at the address shown below:

Charging Manager
Customer Contracts & Supplier Liaison
Electricity North West
304 Bridgewater Place
Birchwood Park
Warrington
WA3 6XG
Email: electricitycommercialpolicy@enwl.co.uk
Telephone: 01925 846855
- 1.6. All enquiries regarding connection agreements and changes to maximum capacities should be addressed to:

¹ Charges can be positive or negative.

Business Improvements Manager
Electricity North West
Hartington Road
Preston
PR1 8LE
Email: terms&conditions@enwl.co.uk
Telephone: 0800 0481820

- 1.7. For all other queries please contact our Customer Contact Centre:

Electricity North West
PO Box 218
Warrington
WA3 6XG
Email: enquiries@enwl.co.uk
Telephone: 0800 195 4141; lines are open 24 hours, 365 days per year

2. Charge application and definitions

Supercustomer billing and payment

- 2.1. Supercustomer billing and payment applies to Metering points registered as Non-Half-Hourly (NHH) metered or NHH unmetered. The Supercustomer approach makes use of aggregated data obtained from the 'Supercustomer Distribution Use of System (DUoS) Report'.
- 2.2. Invoices are calculated on a periodic basis and sent to each User for whom Electricity North West is transporting electricity through its Distribution system. Invoices are reconciled, over a period of approximately 14 months, to ensure the cash positions of Users and Electricity North West are adjusted to reflect later and more accurate consumption figures.
- 2.3. 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) – specific to Distribution Network Operators (DNOs). All LLFCs are assigned at the sole discretion of Electricity North West. Invoices take account of previous Settlement runs and include VAT.

Supercustomer charges

- 2.4. Supercustomer charges are generally billed through the following components:
 - a fixed charge - pence/MPAN/day, there will only be one fixed charge applied to each MPAN; and
 - unit charges, pence/kWh, more than one unit charge may be applied.
- 2.5. Users who wish to supply electricity to Customers whose Metering system is Measurement class A or B, and settled on profile classes (PC) 1 through to 8 will be allocated the relevant charge structure set out in Annex 1.
- 2.6. Measurement class A charges apply to Exit/Entry points where NHH metering is used for Settlement.

- 2.7. Measurement class B charges apply to Exit points deemed to be suitable as Unmetered supplies as permitted in the Electricity (Unmetered Supply) Regulations 2001² and where operated in accordance with BSCP520³.
- 2.8. Identification of the appropriate charge can be made by cross-reference to the LLFC.
- 2.9. Valid Settlement Profile Class/Standard Settlement Configuration/Meter Timeswitch Code (PC/SSC/MTC) combinations for these LLFCs are detailed in Market Domain Data (MDD).
- 2.10. Where an MPAN has an Invalid settlement combination, the 'Domestic Unrestricted' fixed and unit charge will be applied as default until the invalid combination is corrected. Where there are multiple Standard Settlement Configuration/Time Pattern Regime (SSC/TPR) combinations, the default 'Domestic Unrestricted' fixed and unit charge will be applied for each invalid TPR combination.
- 2.11. The time periods for the charge rates are as specified by the SSC. To determine the appropriate charge rate for each SSC/TPR a lookup table is provided in the spread sheet that accompanies this statement⁴.
- 2.12. The 'Domestic Off-Peak' and 'Small Non-Domestic Off-Peak' charges are supplementary to either an unrestricted or a two-rate charge.

Site-specific billing and payment

- 2.13. Site-specific billing and payment applies to Metering points settled as half- hourly (HH) metered. The site-specific billing and payment approach to Use of System (UoS) billing makes use of HH metering data received through Settlement.
- 2.14. Invoices are calculated on a periodic basis and sent to each User for whom Electricity North West is transporting electricity through its 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.
- 2.15. The charges are applied on the basis of the LLFCs assigned to the MPAN (or the MSID for Central volume allocation (CVA) sites), and the units consumed within the time periods specified in this statement.
- 2.16. All LLFCs are assigned at the sole discretion of Electricity North West.

² The Electricity (Unmetered Supply) Regulations 2001 available from <http://www.legislation.gov.uk/uksi/2001/3263/made>

³ Balancing and Settlement Code Procedures on Unmetered supplies are available from <http://www.elexon.co.uk/pages/bscps.aspx>

⁴ Electricity North West - Schedule of charges and other tables .xlsx

Site-specific billed charges

2.17. 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/kVArh, for each unit in excess of the reactive charge threshold.

2.18. 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.

2.19. Measurement class C, E or CVA charges apply to Exit/Entry points where HH metering, or an equivalent meter, is used for Settlement purposes.

2.20. Measurement class D charges apply to Exit points deemed to be suitable as Unmetered supplies as permitted in the Electricity (Unmetered Supply) Regulations 2001⁵ and where operated in accordance with BSCP520⁶.

2.21. Fixed charges are generally levied on a pence per MPAN or pence per MSID basis. Where two or more HH MPANs 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.

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

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

2.24. 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.

⁵ The Electricity (Unmetered Supply) Regulations 2001 available from <http://www.legislation.gov.uk/uksi/2001/3263/made>

⁶ Balancing and Settlement Code Procedures on Unmetered supplies and available from <http://www.elexon.co.uk/pages/bscps.aspx>

Time periods for half-hourly Metered properties

- 2.25. The time periods for the application of unit charges to LV and HV Designated Properties that are HH metered are detailed in Annex 1. Electricity North West has issued a notice to change the time bands and details of the new time periods are available in the Annual Review Pack. The new time bands will be effective from 01 April 2015.
- 2.26. The time periods for the application of unit charges to Designated EHV Properties are detailed in Annex 2. Electricity North West has issued a notice to change the time bands and details of the new time bands are set out in Annex 2. The new time bands will be effective from 01 April 2015.

Time periods for half-hourly Unmetered properties

- 2.27. The time periods for the application of unit charges to connections that are pseudo HH metered are detailed in Annex 1. Electricity North West has issued a notice to change the time bands and details of the new time periods are available in the Annual Review Pack. The new time bands will be effective from 01 April 2015.

Application of capacity charges

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

Chargeable capacity

- 2.29. The chargeable capacity is, for each billing period, the MIC/MEC, as detailed below.
- 2.30. The MIC/MEC will be agreed with Electricity North West 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 period of one year. 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 premises' connection. A Customer can seek to agree or vary the MIC and/or MEC by contacting Electricity North West using the contact details in paragraph 1.6.
- 2.31. Reductions to the MIC/MEC may only be permitted once in a 12 month period and no retrospective changes will be allowed. Where MIC/MEC is reduced the new lower level will be agreed with reference to the level of the Customer's maximum demand. 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.

Exceeded capacity

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

2.33. Only reactive import and reactive export values occurring at times of active import are used in the calculation.

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

Generation exceeded capacity

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

Where:

AE = Active Export (kWh)

RI = Reactive Import (kVArh)

RE = Reactive Export (kVArh)

MEC = Maximum Export Capacity (kVA)

2.35. Only reactive import and reactive export values occurring at times of active export are used in the calculation.

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

Standby capacity for additional security on site

2.37. Where standby capacity charges are applied, the charge will be set at the same rate as that applied to normal MIC.

Minimum capacity levels

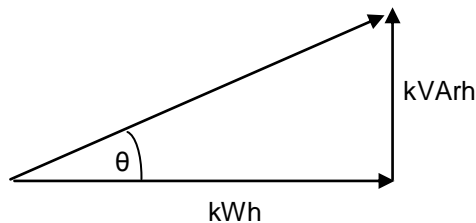
2.38. There is no minimum capacity threshold.

Application of charges for excess reactive power

2.39. When an individual HH metered MPAN's reactive power (measured in kVArh) at LV and HV Designated Properties exceeds 33% of 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.

2.40. Power factor is calculated as follows:

$\cos \theta = \text{Power factor}$



2.41. The chargeable reactive power is calculated as follows:

Demand chargeable reactive power

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

Where:

AI = Active Import (kWh)

RI = Reactive Import (kVArh)

RE = Reactive Export (kVArh)

2.42. Only reactive import and reactive export values occurring at times of active import are used in the calculation.

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

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

Generation chargeable reactive power

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

Where:

AE = Active Export (kWh)

RI = Reactive Import (kVArh)

RE = Reactive Export (kVArh)

- 2.45. Only reactive import and reactive export values occurring at times of active export are used in the calculation.
- 2.46. The square root calculation will be to two decimal places.
- 2.47. This calculation is completed for every half hour and the values summated over the billing period.

Generation charges for pre-2005 Designated EHV Properties

- 2.48. Designated EHV Properties that were connected to the Distribution system under a pre-2005 connection charging policy are eligible for exemption from Generation Use of System charges unless one of the following criteria has been met:
- 25 years have passed since their first energisation/connection date (ie Designated EHV Properties with energisation/connection agreements dated prior to 1st April 2005, and for which 25 years has passed since their first energisation/connection date will receive Generation Use of System charges 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 Electricity North West that they wish to opt in to Generation Use of System charges.

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

- 2.49. 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 other non-exempt generators.

Provision of billing data

2.50. Where HH metering data is required for UoS charging and this is not provided through Settlement processes, such metering data shall be provided by the User of the system to Electricity North West in respect of each calendar month within five working days of the end of that calendar month. 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 Electricity North West shall be consistent with that received through the metering equipment installed. Metering data shall be provided in an electronic format specified by Electricity North West 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 D0275 MRA data flow (as agreed with Electricity North West). The data shall be emailed to DUOS.Billing@enwl.co.uk.

2.51. Electricity North West requires details of reactive power imported or exported to be provided for all Measurement class C (mandatory HH metered) sites and for Measurement class E (elective HH metered sites). It is also required for CVA sites and exempt distribution network boundaries with difference metering. Electricity North West reserves the right to levy a charge on Users who fail to provide such reactive data. In order to estimate missing reactive data, a power factor of 0.9 lag will be applied to the active consumption in any half hour.

Out of area Use of System charges

2.52. Electricity North West does not operate networks outside its distribution service area.

Licensed Distribution Network Operator charges

2.53. Licensed Distribution Network Operator (LDNO) charges are applied to LDNOs who operate Embedded networks within Electricity North West's Distribution services area.

2.54. 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.

- 2.55. Where an MPAN has an Invalid settlement combination, the 'LDNO HV: Domestic Unrestricted' fixed and unit charges will be applied as default until the invalid combination is corrected. Where there are multiple SSC/TPR combinations, the default 'LDNO HV: Domestic Unrestricted' fixed and unit charges will be applied for each invalid TPR combination.
- 2.56. 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.
- 2.57. For nested networks the relevant charging principles set out in DCUSA Schedule 21 will apply.

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 <http://www.enwl.co.uk/our-services/use-of-system-charges>.
- 3.3. Annex 1 contains charges to LV and HV Designated Properties.
- 3.4. Annex 2 contains the charges to Designated EHV Properties and charges applied to LDNOs with Designated EHV Properties embedded in networks within Electricity North West's area.
- 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 embedded in networks within Electricity North West Distribution services area.

4. Schedule of Line Loss Factors

Role of Line Loss Factors in the supply of electricity

- 4.1. Electricity entering or exiting the DNOs' networks is adjusted to take account of energy that is lost⁷ as it is distributed through the network.
- 4.2. This adjustment is made to ensure that energy bought or sold by a User, from/to a Customer, accounts for energy lost as part of distributing energy to and from the Customer's premises.
- 4.3. DNOs are responsible for calculating the Line Loss Factors (LLFs) and providing these factors to Elexon. Elexon manage the Balancing and Settlement Code (BSC). The code covers the governance and rules for the balancing and Settlement arrangements.
- 4.4. Annex 5 provides the LLFs which must be used to adjust the Metering system volumes to take account of losses on the distribution network.

Calculation of Line Loss Factors

- 4.5. LLFs are calculated in accordance with BSC Procedure (BSCP) 128, which determines the principles that DNOs must comply with when calculating LLFs.
- 4.6. LLFs are calculated using either a generic method or a 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 to all new EHV sites until sufficient data is available for a site-specific calculation.
- 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 BSC Procedure (BSCP) 128 and to our LLF methodology.

Line Loss Factor time periods

- 4.8. LLFs are calculated for a set number of time periods during the year and are detailed in Annex 5.

⁷ Energy can be lost for technical and non-technical reasons and losses normally occur by heat dissipation through power flowing in conductors and transformers. Losses can also reduce if a Customer's action reduces power flowing in the distribution network. This might happen when a Customer generates electricity and the produced energy is consumed locally.

Line Loss Factor tables

- 4.9. When using the LLF tables in Annex 5 reference should be made to the LLFC allocated to the MPAN to find the appropriate LLF.
- 4.10. The Elexon portal website, <https://www.elexonportal.co.uk>, contains the LLFs in standard industry data format (D0265). A User guide with details on registering and using the portal can be downloaded from www.elexonportal.co.uk/userguide.

5. Notes for Designated EHV Properties

EDCM LRIC Nodal costs

- 5.1. A table is provided in the accompanying spreadsheet which shows the unscaled nodal costs used to calculate the current EDCM charges. This spreadsheet is available to download from <http://www.enwl.co.uk/our-services/use-of-system-charges>.
- 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 Electricity North West's 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 that under enduring circumstances would be found in Annex 2 and Line Loss Factors that 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, Electricity North West may revise its 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 table' spreadsheet on <http://www.enwl.co.uk/our-services/use-of-system-charges>. The modified Designated EHV property charges will be added to Annex 2 in the next full statement released.

Demand-side management

5.8. Electricity North West has a standard Demand Side Management (DSM) contract that is available to any Customer that is charged under the Extra High Voltage Distribution Charging Methodology (EDCM). Under this contract, Electricity North West will pay a DSM payment to any EDCM Customer who is willing to reduce their capacity by a minimum of 25% in the time periods specified by Electricity North West. The value of this payment will depend on the location of the EDCM site and how much spare capacity there is available on that part of the distribution network. Where the distribution network is very congested Electricity North West will pay more to the EDCM Customer to reduce their load. For more information please view the Electricity North West website using the following link: <http://www.enwl.co.uk/our-services/use-of-system-charges/demand-side-management> or contact our Charging Manager using the following email address: electricitycommercialpolicy@enwl.co.uk

6. Electricity distribution rebates

- 6.1. Electricity North West has neither given nor announced any Distribution Use of System rebates to Users in the 12 months preceding the date of publication of this revision of the statement.

7. Accounting and administration services

Administration charge

- 7.1. Where a User has failed to settle a DUoS invoice or notify Electricity North West of a bona fide dispute, in accordance with the UoS agreement an account review charge of £50.00 may be made to cover the associated credit control, administration, invoicing and collection costs. This is in addition to the interest charge that will be made in accordance with clause 23.3 of the DCUSA.

8. Charges for electrical plant provided ancillary to the grant of Use of System

- 8.1. Electricity North West does not have a schedule of the charges which may be made (i) for providing and installing any electrical plant at Entry Points or Exit Points, where such provision and installation are ancillary to the grant of Use of System, and (ii) for maintaining such plant.

9. Glossary of terms

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

Term	Definition
All-the-way charge	A tariff applicable to an end User rather than an LDNO.
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 .
CDCM	The Common Distribution Charging Methodology 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 Properties	As defined in standard condition 13A of the Electricity distribution licence.
Distributed generator	A generator directly connected or embedded within the Distribution system.
Distribution Connection and Use of System Agreement (DCUSA)	The DCUSA is a multi-party contract between the Licensed electricity distributors, Suppliers, Generators and Offshore Transmission Owners (OFTOs) of Great Britain. It is a requirement that all licensed electricity distributors and Suppliers become parties to the DCUSA.
Distribution Network Operator (DNO)	An Electricity distributor who operates one of the 14 Distribution services areas and in whose Electricity distribution licence the requirements of Section B of the standard conditions of that licence have effect.
Distribution services area	The area specified by the authority within which each DNO must provide specified distribution services.

Term	Definition
Distribution system	<p>The system consisting (wholly or mainly) of:</p> <ul style="list-style-type: none"> • electric lines owned or operated by an authorised distributor that is used for the distribution of electricity from grid supply points or generation sets or other Entry points to the points of delivery to Customers or Users; or • any transmission licensee in its capacity as operator of that licensee's transmission system or the Great Britain (GB) transmission system <p>and includes any remote transmission assets (owned by a transmission licensee within England and Wales) that are operated by that authorised distributor and any electrical plant, electricity meters, and metering equipment owned or operated by it in connection with the distribution of electricity, but does not include any part of the GB transmission system.</p>
Designated EHV Properties	As defined in standard condition 13B of the Electricity distribution licence.
EDCM	The EHV distribution charging methodology 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 onto a Distribution system from a connected installation or from another Distribution system, not forming part of the total system (boundary point and total system having the meaning given to those terms in the BSC).
Exit point	A point of connection at which a supply of electricity may flow from the Distribution system to the Customer's installation or User's installation or the Distribution system of another person.
Extra-High Voltage (EHV)	Nominal voltages of 22kV and above.
Gas and Electricity Markets Authority (GEMA) (the Authority)	As established by the Utilities Act 2000.

Term	Definition
Grid supply point (GSP)	A metered connection between the National Grid Electricity Transmission (NGET) system and the licensee's Distribution system at which electricity flows to or from the Distribution system.
GSP group	A distinct electrical system that is supplied from one or more GSPs for which total supply into the GSP group can be determined for each half hour.
High Voltage (HV)	Nominal voltages of at least 1kV and less than 22kV.
Host DNO	A Distribution Network Operator that is responsible for a Distribution services area as defined in standard conditions of the Electricity distribution licence.
Intermediate LDNO	An Embedded Licensed Distribution Network Operator that is responsible for a Distribution system between a Host DNO and another Embedded Distribution system.
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.
Low voltage (LV)	Nominal voltages below 1kV.
Market Domain Data (MDD)	Market Domain Data is a central repository of reference data used by all Users involved in Settlement. It is essential to the operation of SVA trading arrangements.
Maximum Export Capacity (MEC)	The Maximum Export Capacity 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.

Term	Definition
Maximum Import Capacity (MIC)	The Maximum Import Capacity 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.
Measurement class	<p>A classification of Metering systems which indicates how consumption is measured, i.e.:</p> <ul style="list-style-type: none"> • non-half-hourly metering equipment (equivalent to Measurement class A); • non-half-hourly Unmetered supplies (equivalent to Measurement class B); • half-hourly metering equipment at or above 100kW premises (equivalent to Measurement class C); • half-hourly Unmetered supplies (equivalent to Measurement class D); and • half-hourly metering equipment below 100kw premises (equivalent to Measurement class E).
Metering point	The point at which electricity that is exported to or imported from the licensee's Distribution system is measured, is deemed to be measured, or is intended to be measured and which is registered pursuant to the provisions of the MRA. For the purposes of this statement, GSPs are not 'Metering points'.
Metering system	Particular commissioned metering equipment installed for the purposes of measuring the quantities of exports and/or imports at the Exit point or Entry point.
Metering Point Administration Number (MPAN)	A number relating to a Metering point under the MRA.
MRA	The Master Registration Agreement.
Meter Timeswitch Code (MTC)	MTCs are three digit codes allowing Suppliers to identify the metering installed in Customers' premises. They indicate whether the meter is single or multi-rate, pre-payment or credit, or whether it is 'related' to another meter.
Nested LDNO	A Distribution system operator that is responsible for a nested network.
Nested networks	This refers to a situation where there is more than one level of Embedded network and therefore nested Distribution systems between LDNOs (e.g. Host DNO→Intermediate LDNO→Nested LDNO→Customer).
Ofgem	Office of Gas and Electricity Markets – Ofgem is governed by GEMA and is responsible for the regulation of the distribution companies.

Term	Definition
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 TPRs.
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.
Supercustomer DUoS Report	A report of profiled data by Settlement class providing counts of MPANs and units consumed.
Supplier	An organisation with a supply license which can register itself as being 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.
Use of System charges	Charges applicable to demand and generation connections which are connected to and utilise the distribution network.
User	Someone that has a Use of System agreement with the DNO e.g. a Supplier, generator or other DNO.
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 BSCP520 ⁸ .

⁸ Balancing and Settlement Code Procedures are available from <http://www.elexon.co.uk/pages/bscps.aspx>

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

Electricity North West - Effective from 01 April 2014 - Final LV and HV charges

Time Bands for Half Hourly Metered Properties			
Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) All Year	16:30 to 18:30		
Monday to Friday (Including Bank Holidays) All Year		09:00 to 16:30 18:30 to 20:30	
Monday to Friday (Including Bank Holidays) All Year			00:00 - 09:00 20:30 - 24:00
Saturday and Sunday All Year		16:30 to 18:30	00:00 - 16:30 18:30 - 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 (Including Bank Holidays) March to October Inclusive		09:00 - 20:30	00:00 - 09:00 20:30 - 24:00
Monday to Friday (Including Bank Holidays) Nov to Feb Inclusive	16:30 to 18:30	09:00 - 16:30 18:30 - 20:30	00:00 - 09:00 20:30 - 24:00
Saturday and Sunday		16:30 - 18:30	00:00 - 16:30 18:30 - 24:00
Notes	All the above times are in UK Clock time		

	Open LLFCs	PCs	Unit rate 1 p/kWh (red/black)	Unit rate 2 p/kWh (amber/yellow)	Unit rate 3 p/kWh (green)	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess capacity charge p/kVA/day	Closed LLFCs
Domestic Unrestricted ¹	011, 041, 441, 511	1	3.038			1.94				
Domestic Two Rate ¹	031, 051, 061, 451, 531	2	3.141	0.283		1.94				
Domestic Off Peak (related MPAN)	081, 581	2	0.332							
Small Non Domestic Unrestricted	131, 191, 631	3	2.671			3.31				
Small Non Domestic Two Rate	161, 171, 661	4	2.793	0.253		3.31				
Small Non Domestic Off Peak (related MPAN)	091, 591	4	0.247							
LV Medium Non-Domestic	241, 431, 481, 751	5-8	2.709	0.227		22.92				
LV Sub Medium Non-Domestic	242, 432, 482, 752	5-8	2.301	0.192		67.34				
HV Medium Non-Domestic		5-8	1.714	0.141		237.74				483, 753
LV HH Metered	801	0	14.135	1.140	0.160	11.51	3.35	0.381	3.35	
LV Sub HH Metered	802	0	13.920	1.051	0.153	47.60	3.39	0.351	3.39	
HV HH Metered	803	0	10.751	0.731	0.113	96.60	3.06	0.249	3.06	
HV Sub HH Metered		0	8.472	0.509	0.084	92.62	2.45	0.208	2.45	804
NHH UMS category A	761	8	2.987							721
NHH UMS category B	771	1	3.492							721
NHH UMS category C	781	1	5.183							721
NHH UMS category D	791	1	2.673							721
LV UMS (Pseudo HH Metered)	811	0	51.550	2.755	1.611					
LV Generation NHH	961	8	-0.973							
LV Sub Generation NHH	962	8	-0.774							
LV Generation Intermittent	971	0	-0.973					0.247		
LV Generation Non-Intermittent	981	0	-9.645	-1.041	-0.125			0.247		
LV Sub Generation Intermittent	972	0	-0.774					0.201		
LV Sub Generation Non-Intermittent	982	0	-7.742	-0.815	-0.099			0.201		
HV Generation Intermittent	973	0	-0.515			5.89		0.142		
HV Generation Non-Intermittent	983	0	-5.287	-0.518	-0.065	5.89		0.142		
HV Sub Generation Intermittent		0	-0.361			5.89		0.086		974
HV Sub Generation Non-Intermittent		0	-3.830	-0.342	-0.044	5.89		0.086		984
Notes:	¹ The fixed rate for the domestic tariffs has been reduced by 1.37p/MPAN/day to provide a £5 discount to domestic customers. This change has been made outside of the charging methodology and consent to not comply with the charging methodology has been provided by the Authority. The published CDCM model contains the prices for domestic customers before the discount has been applied.									

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

Electricity North West - Effective from 01 April 2014 - Final EDCM charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band (2014/15)	Super Red Time Band (2015/16)
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:30 to 18:30	16:00 to 19:00
Notes	All the above times are in UK Clock time	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 rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)	Export Super Red unit rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
Tariff 1	610	1600000132063				Site 1	0.009	13766.52	3.43	3.43				
Tariff 2	500	1620000772484				Site 2	0.000	720.28	5.90	5.90				
Tariff 3	650	1600000139069				Site 3	0.152	480.19	4.19	4.19				
Tariff 4	660	1600000138836				Site 4	0.144	2393.90	2.89	2.89				
Tariff 5	640	1600000138766				Site 5	1.332	1495.59	7.38	7.38				
Tariff 6	700	1600000138845				Site 6	0.291	3448.61	2.83	2.83				
Tariff 7	900	1620000595805				Site 7	1.184	480.19	4.48	4.48				
Tariff 8	670	1600000176734				Site 8	0.000	617.99	13.32	13.32				
Tariff 9	320	1630000239738 1630000239747				Site 9	0.000	9183.60	2.04	2.04				
Tariff 10	850	1620000847420				Site 10	0.135	480.19	6.22	6.22				
Tariff 11	450	1620001195216				Site 11	3.758	3571.40	5.14	5.14				
Tariff 12	460	1620001102921 1620001102912	Tariff 88	470	1620001102930 1620001102940	Site 12	0.000	666.48	0.99	0.99				
Tariff 13	680	1600000135019	Tariff 89	690	1620000193245	Site 13	0.052	252.61	3.29	3.29	-1.641	227.58	0.11	0.11
Tariff 14	520	1620000398404	Tariff 90	730	1630000403060	Site 14	0.000	3377.21	3.52	3.52				
Tariff 15	510	1620000398399 1620000145890	Tariff 91	720	1630000408166 1630000408148	Site 15	0.000	6221.17	3.06	3.06				
Tariff 16	530	1620000398440 1620000398461	Tariff 92	770	1630000402252 1630000402261	Site 16	0.000	9126.14	3.85	3.85				
Tariff 17	540	1620000398413 1620000273477	Tariff 93	740	1630000402304 1630000402299	Site 17	0.060	6304.12	2.49	2.49				
Tariff 18	550	1620000398422 1620000145915	Tariff 94	750	1630000403070	Site 18	0.000	6993.37	5.40	5.40				
Tariff 19	810	1620000622316	Tariff 95	820	1620000622325	Site 19	0.444	3152.06	5.10	5.10				
Tariff 20	830	1620000828143	Tariff 96	840	1620000828134	Site 20	0.000	22.30	2.05	2.05	-1.018	1672.54	0.11	0.11

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.

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)	Export Super Red unit rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
Tariff 21	960	1620000388390	Tariff 97	970	1620000388406	Site 21	0.000	462.02	1.44	1.44				
Tariff 22	370	1630000165174	Tariff 98	360	1630000165183	Site 22	0.129	2.41	5.21	5.21				
Tariff 23	410	1620001681340	Tariff 99	420	1620001681359	Site 23	2.824	5.96	5.68	5.68	-11.441	959.42	0.11	0.11
Tariff 24	430	1620001638558	Tariff 100	440	1620001638567	Site 24	0.276	2.13	2.88	2.88				
Tariff 25	340	1630000215620	Tariff 101	350	1630000215630	Site 25	0.412	14.54	4.25	4.25				
Tariff 26	480	1620000703611	Tariff 102	490	1620000703620	Site 26	3.065	2.57	5.46	5.46				
Tariff 27	600	1620000297228	Tariff 103	590	1620000297237	Site 27	0.265	14.70	1.89	1.89				
Tariff 28	980	1620000390840	Tariff 104	990	1620000390850	Site 28	0.000	7.10	4.12	4.12				
Tariff 29	280	1630000474610	Tariff 105	290	1630000474683	Site 29	0.000	34.41	1.66	1.66	0.000	8946.88	0.11	0.11
Tariff 30	260	1630000799836	Tariff 106	270	1630000799845	Site 30	0.276	3.85	2.94	2.94	0.000	381.31	0.11	0.11
Tariff 31	180	1640000177307	Tariff 107	190	1640000177316	Site 31	1.159	85.81	3.93	3.93	0.000	5253.78	0.11	0.11
Tariff 32	200	1640000063195	Tariff 108	210	1640000063200	Site 32	0.000	4234.55	0.96	0.96	0.000	5465.59	0.11	0.11
Tariff 33	140	1640000082620	Tariff 109	150	1640000082630	Site 33	0.282	2.55	5.97	5.97	0.000	382.60	0.11	0.11
Tariff 34	160	1640000082286	Tariff 110	170	1640000082295	Site 34	0.700	10.38	5.91	5.91	0.000	955.00	0.11	0.11
Tariff 35	950	1620000279707				Site 35	1.623	17825.40	4.21	4.21				
Tariff 36	910	1600000169151				Site 36	0.035	147.58	8.01	8.01				
Tariff 37	920	1600000168859				Site 37	0.000	147.58	11.10	11.10				
Tariff 38	570	1600000136918				Site 38	0.000	3847.56	4.54	4.54				
Tariff 39	109	1630000187381 1630000015594, 1630000015619, 1630000015637, 1630000015567, 1630000015585, 1630000015600, 1630000015628, 1630000187372				Site 39	6.087	1475.78	8.03	8.03				
Tariff 40	119	1630000031105 1630000031114 1640000183347				Site 40	6.255	295.16	8.06	8.06				
Tariff 41	129	1600000148392				Site 41	0.000	147.58	5.29	5.29				
Tariff 42	139	1600000136244				Site 42	2.865	295.16	7.65	7.65				

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.

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)	Export Super Red unit rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
Tariff 43	149	1620001236332				Site 43	2.619	3305.18	5.20	5.20				
Tariff 44	419	1600000138108				Site 44	4.754	295.16	7.65	7.65				
Tariff 45	169	1600000132620				Site 45	4.538	885.47	7.17	7.17				
Tariff 46	179	1620000531591				Site 46	6.541	442.73	6.69	6.69				
Tariff 47	189	1600000137841 1600000137850				Site 47	6.262	4384.40	3.83	3.83				
Tariff 48	199	1600000134831 1600000134840				Site 48	2.144	7629.38	4.81	4.81				
Tariff 49	209	1600000134901				Site 49	2.629	737.89	9.50	9.50				
Tariff 50	219	1600000155460				Site 50	0.085	1397.87	4.37	4.37				
Tariff 51	229	1600000132392				Site 51	2.119	442.73	3.61	3.61				
Tariff 52	239	1600000134850				Site 52	5.402	590.31	6.96	6.96				
Tariff 53	249	1600000137318				Site 53	0.831	295.16	6.61	6.61				
Tariff 54	259	1600000137674				Site 54	8.345	147.58	9.28	9.28				
Tariff 55	369	1600000137823				Site 55	5.986	295.16	9.92	9.92				
Tariff 56	289	1600000138516				Site 56	2.222	295.16	6.97	6.97				
Tariff 57	299	1600000134822				Site 57	2.399	2617.97	5.78	5.78				
Tariff 58	309	1600000134984				Site 58	2.410	4994.96	4.40	4.40				
Tariff 59	319	1600000133856				Site 59	5.068	147.58	5.03	5.03				
Tariff 60	329	1600000138924				Site 60	3.206	295.16	9.03	9.03				
Tariff 61	339	1600000135064				Site 61	5.497	295.16	6.87	6.87				
Tariff 62	349	1600000132036				Site 62	5.748	7427.32	7.03	7.03				
Tariff 63	359	1600000132045				Site 63	1.963	4223.06	4.27	4.27				
Tariff 64	269	1600000138311				Site 64	2.219	3600.34	6.45	6.45				
Tariff 65	529	1600000177747 1600000177756				Site 65	4.591	295.16	16.72	16.72				
Tariff 66	389	1600000139087	Tariff 111	499	1620000174048	Site 66	2.847	147.58	6.97	6.97				
Tariff 67	439	1620000418238	Tariff 112	479	1620000366875	Site 67	10.935	1.17	2.59	2.59				

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.

Import Unique Identifier	LLFC	Import MPANs/MSIDs	Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	Import Super Red unit rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)	Export Super Red unit rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
Tariff 68	159	1620000370375 1620000401378	Tariff 113	489	1620000370366	Site 68	3.863	111.55	5.62	5.62				
Tariff 69	110	1640000199737	Tariff 114	120	1640000199746	Site 69	3.982	11.19	6.63	6.63	0.000	954.19	0.11	0.11
Tariff 70	220	1640000264119	Tariff 115	230	1640000264128	Site 70	0.894	11.30	7.30	7.30	0.000	301.32	0.11	0.11
Tariff 71	080	1640000264146	Tariff 116	090	1640000264155	Site 71	0.476	30.27	4.82	4.82	0.000	572.46	0.11	0.11
Tariff 72	040	1640000295385	Tariff 117	050	1640000295394	Site 72	0.582	28.29	5.63	5.63	0.000	1082.14	0.11	0.11
Tariff 73	060	1640000319177 1640000319186	Tariff 118	070	1640000319159 1640000319168	Site 73	0.700	32.00	3.35	3.35	0.000	2021.30	0.11	0.11
Tariff 74	020	TBA	Tariff 119	030	TBA	Site 74	0.000	58.45	2.40	2.40	0.000	7071.85	0.11	0.11
Tariff 75	010	TBA	Tariff 120	100	TBA	Site 75	0.000	21.40	2.62	2.62	0.000	5295.69	0.11	0.11
Tariff 76		MSID 7016			MSID 7016	Site 76	0.000	66.75	1.48	1.48				
Tariff 77		MSID 7039, 7040			MSID 7039, 7040	Site 77	0.000	1760.03	3.65	3.65				
Tariff 78		MSID 7107			MSID 7107	Site 78	0.000	1692.32	1.51	1.51				
Tariff 79		MSID 7252	Tariff 121		MSID 7252	Site 79	0.000	71.25	1.16	1.16	0.000	5343.43	0.11	0.11
Tariff 80		MSID 7249	Tariff 122		MSID 7249	Site 80	0.000	18.53	1.24	1.24	0.000	1695.45	0.11	0.11
Tariff 81		MSID 7241, 7242	Tariff 126		MSID 7241, 7242	Site 81	0.000	51.10	1.65	1.65				
Tariff 82		MSID 7244			MSID 7244	Site 82	0.000	16.80	1.15	1.15				
Tariff 83		MSID 2037, 2038			MSID 2037, 2038	Site 83	3.534	0.00	5.45	5.45				
Tariff 84		MSID 7156			MSID 7156	Site 84	0.294	0.00	2.81	2.81				
Tariff 85		MSID 0437			MSID 0437	Site 85	0.037	0.00	7.83	7.83				
Tariff 86		IDNO1			IDNO1	Site 86	1.312	41.44	4.60	4.60				
Tariff 87		IDNO2			IDNO2	Site 87	1.312	282.53	3.89	3.89				

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

Electricity North West - Effective from 01 April 2014 - Final LV and HV tariffs									
NHH preserved charges/additional LLFCs									
	Closed LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day			
HV Medium Non-Domestic	483, 753	5-8	1.714	0.141		237.74			
Notes:	Unit time periods are as specified in the SSC. HV Medium Non-Domestic - This tariff will be closed to new customers and all new HV connections will be required to be half-hourly metered. Customers on HV Medium Non Domestic will be moved to the HV HH Metered tariff (LLF 803) once a Half Hourly meter has been installed.								

HH preserved charges/additional LLFCs									
	Closed LLFCs	PCs	Unit rate 1 p/kWh (red/black)	Unit rate 2 p/kWh (amber/yellow)	Unit rate 3 p/kWh (green)	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge p/kVA
HV Sub HH Metered	804	0	8.472	0.509	0.084	92.62	2.45	0.208	2.45
HV Sub Generation Intermittent	974	0	-0.361			5.89		0.086	
HV Sub Generation Non-Intermittent	984	0	-3.830	-0.342	-0.044	5.89		0.086	
Notes:	The HVS tariff (import and export) is no longer open to new customers. New HVS customers will be charged on a site specific basis under the EDCM. The time periods for the Red/Amber/Green Timeband are shown in Annex 1.								

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

Electricity North West - Effective from 01 April 2014 - Final LDNO tariffs

Time Bands for Half Hourly Metered Properties			
Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) All Year	16:30 to 18:30		
Monday to Friday (Including Bank Holidays) All Year		09:00 to 16:30 18:30 to 20:30	
Monday to Friday (Including Bank Holidays) All Year			00:00 - 09:00 20:30 - 24:00
Saturday and Sunday All Year		16:30 to 18:30	00:00 - 16:30 18:30 - 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 (Including Bank Holidays) March to October Inclusive		09:00 - 20:30	00:00 - 09:00 20:30 - 24:00
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:30 to 18:30	09:00 - 16:30 18:30 - 20:30	00:00 - 09:00 20:30 - 24:00
Saturday and Sunday		16:30 - 18:30	00:00 - 16:30 18:30 - 24:00
Notes	All the above times are in UK Clock time		

	Unique billing identifier	PCs	Unit rate 1 p/kWh (red/black)	Unit rate 2 p/kWh (amber/yellow)	Unit rate 3 p/kWh (green)	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess capacity charge p/kVA
LDNO LV: Domestic Unrestricted		1	2.023			2.20			
LDNO LV: Domestic Two Rate		2	2.092	0.188		2.20			
LDNO LV: Domestic Off Peak (related MPAN)		2	0.221						
LDNO LV: Small Non Domestic Unrestricted		3	1.779			2.20			
LDNO LV: Small Non Domestic Two Rate		4	1.860	0.168		2.20			
LDNO LV: Small Non Domestic Off Peak (related MPAN)		4	0.164						
LDNO LV: LV Medium Non-Domestic		5-8	1.804	0.151		15.26			
LDNO LV: LV HH Metered		0	9.412	0.759	0.107	7.66	2.23	0.254	2.23
LDNO LV: NHH UMS category A		8	1.989						
LDNO LV: NHH UMS category B		1	2.325						
LDNO LV: NHH UMS category C		1	3.451						
LDNO LV: NHH UMS category D		1	1.780						
LDNO LV: LV UMS (Pseudo HH Metered)		0	34.326	1.834	1.073				
LDNO LV: LV Generation NHH		8	-0.973						
LDNO LV: LV Generation Intermittent		0	-0.973					0.247	
LDNO LV: LV Generation Non-Intermittent		0	-9.645	-1.041	-0.125			0.247	
LDNO HV: Domestic Unrestricted		1	1.263			1.38			
LDNO HV: Domestic Two Rate		2	1.305	0.118		1.38			
LDNO HV: Domestic Off Peak (related MPAN)		2	0.138						
LDNO HV: Small Non Domestic Unrestricted		3	1.110			1.38			
LDNO HV: Small Non Domestic Two Rate		4	1.161	0.105		1.38			
LDNO HV: Small Non Domestic Off Peak (related MPAN)		4	0.103						
LDNO HV: LV Medium Non-Domestic		5-8	1.126	0.094		9.53			
LDNO HV: LV HH Metered		0	5.874	0.474	0.066	4.78	1.39	0.158	1.39
LDNO HV: LV Sub HH Metered		0	8.955	0.676	0.098	30.62	2.18	0.226	2.18
LDNO HV: HV HH Metered		0	8.139	0.553	0.086	73.13	2.32	0.189	2.32
LDNO HV: NHH UMS category A		8	1.241						
LDNO HV: NHH UMS category B		1	1.451						
LDNO HV: NHH UMS category C		1	2.154						
LDNO HV: NHH UMS category D		1	1.111						
LDNO HV: LV UMS (Pseudo HH Metered)		0	21.424	1.145	0.670				
LDNO HV: LV Generation NHH		8	-0.973						
LDNO HV: LV Sub Generation NHH		8	-0.774						
LDNO HV: LV Generation Intermittent		0	-0.973					0.247	
LDNO HV: LV Generation Non-Intermittent		0	-9.645	-1.041	-0.125			0.247	
LDNO HV: LV Sub Generation Intermittent		0	-0.774					0.201	
LDNO HV: LV Sub Generation Non-Intermittent		0	-7.742	-0.815	-0.099			0.201	
LDNO HV: HV Generation Intermittent		0	-0.515					0.142	
LDNO HV: HV Generation Non-Intermittent		0	-5.287	-0.518	-0.065			0.142	
LDNO HVplus: Domestic Unrestricted		1	1.135			1.24			
LDNO HVplus: Domestic Two Rate		2	1.173	0.106		1.24			

Electricity North West - Effective from 01 April 2014 - Final LDNO tariffs

Time Bands for Half Hourly Metered Properties			
Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) All Year	16:30 to 18:30		
Monday to Friday (Including Bank Holidays) All Year		09:00 to 16:30 18:30 to 20:30	
Monday to Friday (Including Bank Holidays) All Year			00.00 - 09.00 20.30 - 24.00
Saturday and Sunday All Year		16:30 to 18:30	00.00 - 16.30 18.30 - 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 (Including Bank Holidays) March to October Inclusive		09:00 - 20:30	00.00 - 09.00 20.30 - 24.00
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:30 to 18:30	09:00 - 16:30 18:30 - 20:30	00.00 - 09.00 20.30 - 24.00
Saturday and Sunday		16:30 - 18:30	00.00 - 16.30 18.30 - 24.00
Notes	All the above times are in UK Clock time		

	Unique billing identifier	PCs	Unit rate 1 p/kWh (red/black)	Unit rate 2 p/kWh (amber/yellow)	Unit rate 3 p/kWh (green)	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess capacity charge p/kVA
LDNO HVplus: Domestic Off Peak (related MPAN)		2	0.124						
LDNO HVplus: Small Non Domestic Unrestricted		3	0.998			1.24			
LDNO HVplus: Small Non Domestic Two Rate		4	1.043	0.094		1.24			
LDNO HVplus: Small Non Domestic Off Peak (related MPAN)		4	0.092						
LDNO HVplus: LV Medium Non-Domestic		5-8	1.012	0.085		8.56			
LDNO HVplus: LV Sub Medium Non-Domestic		5-8	1.312	0.109		38.40			
LDNO HVplus: HV Medium Non-Domestic		5-8	1.142	0.094		158.41			
LDNO HVplus: LV HH Metered		0	5.280	0.426	0.060	4.30	1.25	0.142	1.25
LDNO HVplus: LV Sub HH Metered		0	7.939	0.599	0.087	27.15	1.93	0.200	1.93
LDNO HVplus: HV HH Metered		0	7.164	0.487	0.075	64.37	2.04	0.166	2.04
LDNO HVplus: NHH UMS category A		8	1.116						
LDNO HVplus: NHH UMS category B		1	1.304						
LDNO HVplus: NHH UMS category C		1	1.936						
LDNO HVplus: NHH UMS category D		1	0.998						
LDNO HVplus: LV UMS (Pseudo HH Metered)		0	19.254	1.029	0.602				
LDNO HVplus: LV Generation NHH		8	-0.555			0.00			
LDNO HVplus: LV Sub Generation NHH		8	-0.516			0.00			
LDNO HVplus: LV Generation Intermittent		0	-0.555			0.00		0.141	
LDNO HVplus: LV Generation Non-Intermittent		0	-5.501	-0.594	-0.071	0.00		0.141	
LDNO HVplus: LV Sub Generation Intermittent		0	-0.516			0.00		0.134	
LDNO HVplus: LV Sub Generation Non-Intermittent		0	-5.159	-0.543	-0.066	0.00		0.134	
LDNO HVplus: HV Generation Intermittent		0	-0.515			5.89		0.142	
LDNO HVplus: HV Generation Non-Intermittent		0	-5.287	-0.518	-0.065	5.89		0.142	
LDNO EHV: Domestic Unrestricted		1	0.900			0.98			
LDNO EHV: Domestic Two Rate		2	0.931	0.084		0.98			
LDNO EHV: Domestic Off Peak (related MPAN)		2	0.098						
LDNO EHV: Small Non Domestic Unrestricted		3	0.792			0.98			
LDNO EHV: Small Non Domestic Two Rate		4	0.828	0.075		0.98			
LDNO EHV: Small Non Domestic Off Peak (related MPAN)		4	0.073						
LDNO EHV: LV Medium Non-Domestic		5-8	0.803	0.067		6.79			
LDNO EHV: LV Sub Medium Non-Domestic		5-8	1.041	0.087		30.47			
LDNO EHV: HV Medium Non-Domestic		5-8	0.906	0.075		125.70			
LDNO EHV: LV HH Metered		0	4.189	0.338	0.047	3.41	0.99	0.113	0.99
LDNO EHV: LV Sub HH Metered		0	6.299	0.476	0.069	21.54	1.53	0.159	1.53
LDNO EHV: HV HH Metered		0	5.684	0.386	0.060	51.07	1.62	0.132	1.62
LDNO EHV: NHH UMS category A		8	0.885						
LDNO EHV: NHH UMS category B		1	1.035						
LDNO EHV: NHH UMS category C		1	1.536						
LDNO EHV: NHH UMS category D		1	0.792						
LDNO EHV: LV UMS (Pseudo HH Metered)		0	15.278	0.816	0.477				
LDNO EHV: LV Generation NHH		8	-0.440			0.00			
LDNO EHV: LV Sub Generation NHH		8	-0.409			0.00			
LDNO EHV: LV Generation Intermittent		0	-0.440			0.00		0.112	

Electricity North West - Effective from 01 April 2014 - Final LDNO tariffs

Time Bands for Half Hourly Metered Properties			
Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) All Year	16:30 to 18:30		
Monday to Friday (Including Bank Holidays) All Year		09:00 to 16:30 18:30 to 20:30	
Monday to Friday (Including Bank Holidays) All Year			00.00 - 09.00 20.30 - 24.00
Saturday and Sunday All Year		16:30 to 18:30	00.00 - 16.30 18.30 - 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 (Including Bank Holidays) March to October Inclusive		09.00 - 20.30	00.00 - 09.00 20.30 - 24.00
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:30 to 18:30	09.00 - 16.30 18.30 - 20.30	00.00 - 09.00 20.30 - 24.00
Saturday and Sunday		16.30 - 18.30	00.00 - 16.30 18.30 - 24.00
Notes	All the above times are in UK Clock time		

	Unique billing identifier	PCs	Unit rate 1 p/kWh (red/black)	Unit rate 2 p/kWh (amber/yellow)	Unit rate 3 p/kWh (green)	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess capacity charge p/kVA
LDNO EHV: LV Generation Non-Intermittent		0	-4.365	-0.471	-0.057	0.00		0.112	
LDNO EHV: LV Sub Generation Intermittent		0	-0.409			0.00		0.106	
LDNO EHV: LV Sub Generation Non-Intermittent		0	-4.093	-0.431	-0.052	0.00		0.106	
LDNO EHV: HV Generation Intermittent		0	-0.409			4.67		0.113	
LDNO EHV: HV Generation Non-Intermittent		0	-4.195	-0.411	-0.052	4.67		0.113	
LDNO 132kV/EHV: Domestic Unrestricted		1	0.752			0.82			
LDNO 132kV/EHV: Domestic Two Rate		2	0.777	0.070		0.82			
LDNO 132kV/EHV: Domestic Off Peak (related MPAN)		2	0.082						
LDNO 132kV/EHV: Small Non Domestic Unrestricted		3	0.661			0.82			
LDNO 132kV/EHV: Small Non Domestic Two Rate		4	0.691	0.063		0.82			
LDNO 132kV/EHV: Small Non Domestic Off Peak (related MPAN)		4	0.061						
LDNO 132kV/EHV: LV Medium Non-Domestic		5-8	0.670	0.056		5.67			
LDNO 132kV/EHV: LV Sub Medium Non-Domestic		5-8	0.869	0.073		25.44			
LDNO 132kV/EHV: HV Medium Non-Domestic		5-8	0.757	0.062		104.96			
LDNO 132kV/EHV: LV HH Metered		0	3.498	0.282	0.040	2.85	0.83	0.094	0.83
LDNO 132kV/EHV: LV Sub HH Metered		0	5.260	0.397	0.058	17.99	1.28	0.133	1.28
LDNO 132kV/EHV: HV HH Metered		0	4.746	0.323	0.050	42.65	1.35	0.110	1.35
LDNO 132kV/EHV: NHH UMS category A		8	0.739						
LDNO 132kV/EHV: NHH UMS category B		1	0.864						
LDNO 132kV/EHV: NHH UMS category C		1	1.283						
LDNO 132kV/EHV: NHH UMS category D		1	0.661						
LDNO 132kV/EHV: LV UMS (Pseudo HH Metered)		0	12.757	0.682	0.399				
LDNO 132kV/EHV: LV Generation NHH		8	-0.368			0.00			
LDNO 132kV/EHV: LV Sub Generation NHH		8	-0.342			0.00			
LDNO 132kV/EHV: LV Generation Intermittent		0	-0.368			0.00		0.093	
LDNO 132kV/EHV: LV Generation Non-Intermittent		0	-3.644	-0.393	-0.047	0.00		0.093	
LDNO 132kV/EHV: LV Sub Generation Intermittent		0	-0.342			0.00		0.089	
LDNO 132kV/EHV: LV Sub Generation Non-Intermittent		0	-3.418	-0.360	-0.044	0.00		0.089	
LDNO 132kV/EHV: HV Generation Intermittent		0	-0.341			3.90		0.094	
LDNO 132kV/EHV: HV Generation Non-Intermittent		0	-3.503	-0.343	-0.043	3.90		0.094	
LDNO 132kV: Domestic Unrestricted		1	0.571			0.62			
LDNO 132kV: Domestic Two Rate		2	0.590	0.053		0.62			
LDNO 132kV: Domestic Off Peak (related MPAN)		2	0.062						
LDNO 132kV: Small Non Domestic Unrestricted		3	0.502			0.62			
LDNO 132kV: Small Non Domestic Two Rate		4	0.525	0.048		0.62			
LDNO 132kV: Small Non Domestic Off Peak (related MPAN)		4	0.046						
LDNO 132kV: LV Medium Non-Domestic		5-8	0.509	0.043		4.31			
LDNO 132kV: LV Sub Medium Non-Domestic		5-8	0.660	0.055		19.32			
LDNO 132kV: HV Medium Non-Domestic		5-8	0.575	0.047		79.70			
LDNO 132kV: LV HH Metered		0	2.656	0.214	0.030	2.16	0.63	0.072	0.63
LDNO 132kV: LV Sub HH Metered		0	3.994	0.302	0.044	13.66	0.97	0.101	0.97
LDNO 132kV: HV HH Metered		0	3.604	0.245	0.038	32.39	1.03	0.083	1.03
LDNO 132kV: NHH UMS category A		8	0.561						

Electricity North West - Effective from 01 April 2014 - Final LDNO tariffs

Time Bands for Half Hourly Metered Properties			
Time periods	Red Time Band	Amber Time Band	Green Time Band
Monday to Friday (Including Bank Holidays) All Year	16:30 to 18:30		
Monday to Friday (Including Bank Holidays) All Year		09:00 to 16:30 18:30 to 20:30	
Monday to Friday (Including Bank Holidays) All Year			00.00 - 09.00 20.30 - 24.00
Saturday and Sunday All Year		16:30 to 18:30	00.00 - 16.30 18.30 - 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 (Including Bank Holidays) March to October Inclusive		09.00 - 20.30	00.00 - 09.00 20.30 - 24.00
Monday to Friday (Including Bank Holidays) November to February Inclusive	16:30 to 18:30	09:00 - 16:30 18:30 - 20:30	00.00 - 09.00 20.30 - 24.00
Saturday and Sunday		16:30 - 18:30	00.00 - 16:30 18:30 - 24:00
Notes	All the above times are in UK Clock time		

	Unique billing identifier	PCs	Unit rate 1 p/kWh (red/black)	Unit rate 2 p/kWh (amber/yellow)	Unit rate 3 p/kWh (green)	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess capacity charge p/kVA
LDNO 132kV: NHH UMS category B		1	0.656						
LDNO 132kV: NHH UMS category C		1	0.974						
LDNO 132kV: NHH UMS category D		1	0.502						
LDNO 132kV: LV UMS (Pseudo HH Metered)		0	9.688	0.518	0.303				
LDNO 132kV: LV Generation NHH		8	-0.279			0.00			
LDNO 132kV: LV Sub Generation NHH		8	-0.259			0.00			
LDNO 132kV: LV Generation Intermittent		0	-0.279			0.00		0.071	
LDNO 132kV: LV Generation Non-Intermittent		0	-2.768	-0.299	-0.036	0.00		0.071	
LDNO 132kV: LV Sub Generation Intermittent		0	-0.259			0.00		0.067	
LDNO 132kV: LV Sub Generation Non-Intermittent		0	-2.596	-0.273	-0.033	0.00		0.067	
LDNO 132kV: HV Generation Intermittent		0	-0.259			2.96		0.071	
LDNO 132kV: HV Generation Non-Intermittent		0	-2.660	-0.261	-0.033	2.96		0.071	
LDNO 0000: Domestic Unrestricted		1	0.205			0.22			
LDNO 0000: Domestic Two Rate		2	0.212	0.019		0.22			
LDNO 0000: Domestic Off Peak (related MPAN)		2	0.022						
LDNO 0000: Small Non Domestic Unrestricted		3	0.180			0.22			
LDNO 0000: Small Non Domestic Two Rate		4	0.188	0.017		0.22			
LDNO 0000: Small Non Domestic Off Peak (related MPAN)		4	0.017						
LDNO 0000: LV Medium Non-Domestic		5-8	0.183	0.015		1.55			
LDNO 0000: LV Sub Medium Non-Domestic		5-8	0.237	0.020		6.94			
LDNO 0000: HV Medium Non-Domestic		5-8	0.206	0.017		28.61			
LDNO 0000: LV HH Metered		0	0.953	0.077	0.011	0.78	0.23	0.026	0.23
LDNO 0000: LV Sub HH Metered		0	1.434	0.108	0.016	4.90	0.35	0.036	0.35
LDNO 0000: HV HH Metered		0	1.294	0.088	0.014	11.62	0.37	0.030	0.37
LDNO 0000: NHH UMS category A		8	0.201						
LDNO 0000: NHH UMS category B		1	0.236						
LDNO 0000: NHH UMS category C		1	0.350						
LDNO 0000: NHH UMS category D		1	0.180						
LDNO 0000: LV UMS (Pseudo HH Metered)		0	3.477	0.186	0.109				
LDNO 0000: LV Generation NHH		8	-0.100			0.00			
LDNO 0000: LV Sub Generation NHH		8	-0.093			0.00			
LDNO 0000: LV Generation Intermittent		0	-0.100			0.00		0.025	
LDNO 0000: LV Generation Non-Intermittent		0	-0.993	-0.107	-0.013	0.00		0.025	
LDNO 0000: LV Sub Generation Intermittent		0	-0.093			0.00		0.024	
LDNO 0000: LV Sub Generation Non-Intermittent		0	-0.932	-0.098	-0.012	0.00		0.024	
LDNO 0000: HV Generation Intermittent		0	-0.093			1.06		0.026	
LDNO 0000: HV Generation Non-Intermittent		0	-0.955	-0.094	-0.012	1.06		0.026	

Annex 5 – Schedule of Line Loss Factors

Electricity North West - Effective from 01 April 2014 - Final LLF Time Periods				
Time periods	Period 1	Period 2	Period 3	Period 4
	(Name 1)	(Name 2)	(Name 3)	(Name 4)
Monday to Friday March to October	24:00 - 07:00	07:00 - 24:00		
Monday to Friday November to February	24:00 - 07:00		07:00 – 16:00 19:00 – 24:00	16:00 – 19:00
Saturday and Sunday All Year	24:00– 07:00	07:00 – 24:00		
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	1.079	1.086	1.091	1.102	11, 31, 41, 51, 61, 81, 91, 131, 161, 171, 191, 241, 431, 441, 451, 481, 511, 531, 581, 591, 631, 661, 751, 761, 771, 781, 791, 801, 811, 961, 971, 981
Low-voltage substation	1.045	1.048	1.049	1.052	242, 432, 482, 752, 802, 962, 972, 982
High-voltage network	1.030	1.034	1.036	1.039	483, 753, 803, 973, 983
High-voltage substation	1.022	1.024	1.025	1.027	109, 119, 129, 139, 149, 159, 169, 179, 189, 199, 209, 219, 229, 239, 249, 259, 269, 289, 299, 309, 319, 329, 339, 349, 359, 369, 379, 389, 419, 439, 459, 469, 479, 489, 499, 509, 519, 529
33kV Generic	1.017	1.019	1.020	1.021	
132kV to 33kV Generic	1.012	1.013	1.014	1.015	
132kV Generic	1.007	1.008	1.009	1.010	

EHV site specific LLFs					
Demand					
Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Site 1	1.034	1.034	1.034	1.034	610
Site 2	1.002	1.002	1.002	1.002	500
Site 3	1.017	1.017	1.017	1.017	650
Site 4	1.048	1.048	1.048	1.048	660
Site 5	1.034	1.034	1.034	1.034	640
Site 6	1.077	1.077	1.077	1.077	700
Site 7	1.033	1.033	1.033	1.033	900
Site 8	1.010	1.010	1.010	1.010	670

Site 9	1.006	1.006	1.006	1.006	320
Site 10	1.016	1.016	1.016	1.016	850
Site 11	1.014	1.014	1.014	1.014	450
Site 12	1.000	1.000	1.000	1.000	460
Site 13	1.004	1.004	1.004	1.004	680
Site 14	1.005	1.005	1.005	1.005	520
Site 15	1.037	1.037	1.037	1.037	510
Site 16	1.018	1.018	1.018	1.018	530
Site 17	1.022	1.022	1.022	1.022	540
Site 18	1.113	1.113	1.113	1.113	550
Site 19	1.015	1.015	1.015	1.015	810
Site 20	1.013	1.013	1.013	1.013	830
Site 21	1.000	1.000	1.000	1.000	960
Site 22	1.000	1.000	1.000	1.000	370
Site 23	1.000	1.000	1.000	1.000	410
Site 24	1.000	1.000	1.000	1.000	430
Site 25	1.000	1.000	1.000	1.000	340
Site 26	1.000	1.000	1.000	1.000	480
Site 27	1.000	1.000	1.000	1.000	600
Site 28	1.000	1.000	1.000	1.000	980
Site 29	1.000	1.000	1.000	1.000	280
Site 30	1.000	1.000	1.000	1.000	260
Site 31	1.007	1.007	1.007	1.007	180
Site 32	1.000	1.000	1.000	1.000	200
Site 33	1.000	1.000	1.000	1.000	140
Site 34	1.000	1.000	1.000	1.000	160
Site 35	1.008	1.008	1.008	1.008	950
Site 36	1.010	1.010	1.010	1.010	910
Site 37	1.002	1.002	1.002	1.002	920
Site 38	1.077	1.077	1.077	1.077	570
Site 69	1.000	1.000	1.000	1.000	110
Site 70	1.000	1.000	1.000	1.000	220
Site 71	1.000	1.000	1.000	1.000	080
Site 72	1.070	1.070	1.070	1.070	040
Site 73	1.000	1.000	1.000	1.000	060
Site 76	0.980	0.980	0.980	0.980	MSID 7016
Site 77	0.987	0.987	0.987	0.987	MSID 7039, 7040
Site 78	0.999	0.999	0.999	0.999	MSID 7107
Site 79	1	1	1	1	MSID 7252
Site 80	1	1	1	1	MSID 7249
Site 81	1	1	1	1	MSID 7241, 7242
Site 82	1	1	1	1	MSID 7244
Site 83	1.010	1.010	1.010	1.010	MSID 2037, 2038
Site 84	1.013	1.013	1.013	1.013	MSID 7156
Site 85	1.008	1.008	1.008	1.008	MSID 0437

EHV sites specific LLFs					
Generation					
Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Site 12	1.000	1.000	1.000	1.000	470
Site 13	0.991	0.991	0.991	0.991	690
Site 14	1.000	1.000	1.000	1.000	730
Site 15	1.000	1.000	1.000	1.000	720
Site 16	0.999	0.999	0.999	0.999	770
Site 17	0.980	0.980	0.980	0.980	740
Site 18	1.001	1.001	1.001	1.001	750
Site 19	1.002	1.002	1.002	1.002	820
Site 20	1.001	1.001	1.001	1.001	840
Site 21	0.993	0.993	0.993	0.993	970
Site 22	0.989	0.989	0.989	0.989	360
Site 23	0.992	0.992	0.992	0.992	420
Site 24	0.992	0.992	0.992	0.992	440
Site 25	0.984	0.984	0.984	0.984	350
Site 26	0.986	0.986	0.986	0.986	490
Site 27	1.000	1.000	1.000	1.000	590
Site 28	0.996	0.996	0.996	0.996	990
Site 29	0.990	0.990	0.990	0.990	290
Site 30	0.994	0.994	0.994	0.994	270
Site 31	0.998	0.998	0.998	0.998	190
Site 32	1.000	1.000	1.000	1.000	210
Site 33	0.993	0.993	0.993	0.993	150
Site 34	1.007	1.007	1.007	1.007	170
Site 69	1.004	1.004	1.004	1.004	120
Site 70	1.012	1.012	1.012	1.012	230
Site 71	0.989	0.989	0.989	0.989	090
Site 72	1.014	1.014	1.014	1.014	050
Site 73	0.996	0.996	0.996	0.996	070
Site 76	0.980	0.980	0.980	0.980	MSID 7016
Site 77	0.987	0.987	0.987	0.987	MSID 7039, 7040
Site 78	0.999	0.999	0.999	0.999	MSID 7107
Site 79	1	1	1	1	MSID 7252
Site 80	1	1	1	1	MSID 7249
Site 81	1	1	1	1	MSID 7241, 7242
Site 82	1	1	1	1	MSID 7244

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).

Electricity North West - Effective from 01 April 2014 - Final new designated EHV charges														
Import Unique Identifier	Import MPANs/MSIDs	Import LLFC	Export Unique Identifier	Export LLFC	Export MPANs/MSIDs	Name	Import super-red unit rate p/kWh	Import fixed charge p/day	Import capacity rate p/kVA/day	Import exceeded capacity rate p/kVA/day	Export super-red unit rate p/kWh	Export fixed charge p/day	Export capacity rate p/kVA/day	Export exceeded capacity rate p/kVA/day

Electricity North West - Effective from 01 April 2014 - Final new designated EHV line loss factors																
Import Unique Identifier	Import MPANs/MSIDs	Import LLFC	Export Unique Identifier	Export 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

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.