WESTERN POWER DISTRIBUTION

Serving the Midlands, South West and Wales

Western Power Distribution

(South Wales) plc

Use of System Charging Statement

FINAL NOTICE

Effective from 1st April 2014

Version 7.8

Version Control

Version	Date	Description of version and any changes made
v7.8	December 2013	Final

Contents

1. Introduction

1.1. This statement has been prepared in order to discharge Western Power Distribution (South Wales) plc's (hereafter referred to as WPD) obligation under standard licence condition 14 of its Electricity Distribution Licence. It contains information about our charges[1] 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 www.westernpower.co.uk.

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

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

[1] Charges can be positive or negative.

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

Connection Policy Engineer
Western Power Distribution
Avonbank
Feeder Rd
Bristol
BS2 0TB
Email : wpdpricing@westernpower.co.uk

1.7. For all other queries please contact our general enquiries telephone number: 0845 601 3341, lines are open 08:00 to 18:00 Monday to Friday

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 WPD is transporting electricity through its Distribution System. Invoices are reconciled, over a period of approximately 28 months, to ensure the cash positions of Users and WPD 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 WPD. 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 2001[2] and where operated in accordance with BSCP520[3].

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. WPD does not apply a default tariff for invalid combinations.

- For NHH Profile Class 1 & 2 multi-rate and other off-peak tariffs, night is defined as any seven hours determined and agreed by WPD between 21.00 and 09.00 hours clock time. Currently agreed regimes (Standard Settlement Configurations) are listed in Schedule 1 and DUoS charges for these are based on Total kWh by Settlement Class. If other regimes are installed in a premise, WPD will charge DUoS based on a default regime of 00.30-07.30 clock time and these SSCs are listed in Schedule 2.
- For NHH Profile Class 3 & 4 multi-rate tariffs and other off-peak tariffs, night is defined as any seven hours determined and agreed by WPD between 21.00 and 09.00 hours clock time. Currently agreed regimes (Standard Settlement Configurations) are listed in Schedule 3 and DUoS charges for these are based on Total kWh by Settlement Class. If other regimes are installed in a premise, WPD will charge DUoS based on a default regime of 00.30-07.30 clock time and these SSCs are listed in Schedule 4.
- For NHH Profile Class 5 to 8 multi-rate tariffs and other off-peak tariffs, night is defined as a seven hour period normally starting at 00.30 hours clock time. If other regimes are installed in a premise, unless otherwise agreed WPD will charge DUoS based on a default regime of 00.30-07.30 clock time using the half-hourly kWh by Settlement Class.

[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

2.11. To determine the appropriate charge rate for each SSC/TPR a lookup table is provided in the spread sheet that accompanies this statement[4].

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 WPD 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 WPD. Where an incorrectly applied LLFC is identified, WPD may at its sole discretion apply the correct LLFC and/or charges.

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.

[4] WPD SWales - Schedule of charges and other tables – Version 10.7.xlsx

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 2001[5] and where operated in accordance with BSCP520[6].

2.21. Fixed charges are generally levied on a pence per MPAN per day or pence per MSID per day 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.

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. WPD has not issued a notice to change the time bands.

2.26. The time periods for the application of unit charges to Designated EHV Properties are detailed in Annex 2. WPD has not issued a notice to change the time bands.

[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 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. WPD has not issued a notice to change the time bands.

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 WPD 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 WPD 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. Where data for two or more MPANs is aggregated for billing purposes the HH consumption values are summated prior to the calculation above.

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

Generation exceeded capacity

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

Where:

AE = Active Export (kWh)

RI = Reactive import (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. Where data for two or more MPANs is aggregated for billing purposes the HH consumption values are summated prior to the calculation above.

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

Standby capacity for additional security on site

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

Minimum capacity levels

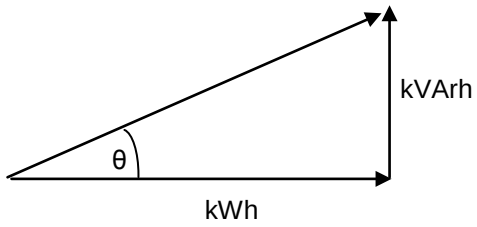
2.38. There is no minimum capacity threshold.

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 θ = Power factor



2.41. The chargeable reactive power is calculated as follows:

Demand chargeable reactive power

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

Where:

AI = Active import (kWh)

RI = Reactive import (kVArh)

RE = Reactive export (kVArh)

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

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

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

Generation chargeable reactive power

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

Where:

AE = Active export (kWh)

RI = Reactive import (kVArh)

RE = Reactive export (kVArh)

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

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

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

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 WPD 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 WPD 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 WPD shall be consistent with that received through the metering equipment installed. Metering data shall be provided in an electronic format specified by WPD 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 D0036 MRA data flow (as agreed with the DNO). The data shall be emailed to wpdduos@westernpower.co.uk.

2.51. WPD 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. WPD reserves the right to levy a charge on Users who fail to provide such reactive data.

Out of area Use of System Charges

2.52. WPD does not operate networks outside its distribution service area

Licensed Distribution Network Operator charges

2.53. Licenced Distribution Network Operator (LDNO) charges are applied to LDNOs who operate Embedded Networks within WPD'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. WPD does not apply a default tariff for invalid combinations.

- For NHH Profile Class 1 & 2 multi-rate and other off-peak tariffs, night is defined as any seven hours determined and agreed by WPD between 21.00 and 09.00 hours clocktime. Currently agreed regimes (Standard Settlement Configurations) are listed in Schedule 1 and DUoS charges for these are based on Total kWh by Settlement Class. If other regimes are installed in a premise, WPD will charge DUoS based on a default regime of 00.30-07.30 clocktime and these SSCs are listed in Schedule 2.
- For NHH Profile Class 3 & 4 multi-rate tariffs and other off-peak tariffs, night is defined as any seven hours determined and agreed by WPD between 21.00 and 09.00 hours clocktime. Currently agreed regimes (Standard Settlement Configurations) are listed in Schedule 3 and DUoS charges for these are based on Total kWh by Settlement Class. If other regimes are installed in a premise, WPD will charge DUoS based on a default regime of 00.30-07.30 clocktime and these SSCs are listed in Schedule 4.
- For NHH Profile Class 5 to 8 multi-rate tariffs and other off-peak tariffs, night is defined as a seven hour period normally starting at 00.30 hours clock time. If other regimes are installed in a premise, unless otherwise agreed WPD will charge DUoS based on a default regime of 00.30-07.30 clock time using the half-hourly kWh by Settlement Class.

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.westernpower.co.uk.

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 WPD'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 WPD 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 lost[7] 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 LRIC nodal costs used to calculate the current EDCM charges. WPD SWAE - Schedule of charges and other tables – Version 10.7.xlsx.

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 WPD'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, WPD 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 revised ' Schedule of charges and other table' spreadsheet on www.westernpower.co.uk. The modified Designated EHV property charges will be added to Annex 2 in the next full statement released.

Demand-side management

5.8. WPD's Demand Side Management approach is as follows:

- All EDCM Customers will be entitled to enter into a Demand Side Management Contract
- WPD may, at its 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 WPD's 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 1.5.

6. Electricity distribution rebates

6.1. WPD 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 WPD of a bona fide dispute, in accordance with the DCUSA an account review charge may be made in accordance with the Late Payment of Commercial Debts regulations 2002 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 Distribution Connection and Use of System Agreement (DCUSA)

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

None

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 proposers to supply, or for the time being supplies, electricity through an Exit Point, or from who, a User or any relevant exempt Supplier, is entitled to recover charges, compensation or an account of profits in respect of electricity supplied though 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	The system consisting (wholly or mainly) of: • electric lines owned or operated by an authorised distributor that is used for the distribution of electricity from Grid Supply Points or generation sets or other Entry Points to the points of delivery to Customers or Users; or • any transmission licensee in its capacity as operator of that licensee's transmission system or the Great Britain (GB) transmission system and includes any remote transmission assets (owned by a transmission licensee within England and Wales) that are operated by that authorised distributor and any electrical plant, electricity meters, and metering equipment owned or operated by it in connection with the distribution of electricity, but does not include any part of the GB transmission system.
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 licenced 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	A classification of Metering Systems which indicates how consumption is measured i.e. • 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

Western Power Distribution (South Wales) plc - Effective from 1 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	17:00 to 19:30	07:30 to 17:00 19:30 to 22:00	00:00 to 07:30 22:00 to 24:00
Weekends		12:00 to 13:00 16:00 to 21:00	00:00 to 12:00 13:00 to 16:00 21:00 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 (excluding 22nd Dec to 4th Jan	17:00 to 19:30	07:30 to 17:00 19:30 to 22:00	00:00 to 07:30 22:00 to 24:00
Monday to Friday Mar to Oct (plus 22nd Dec to 4th Jan inclusive)		07:30 to 22:00	00:00 to 07:30 22:00 to 24:00
Weekends		12:00 to 13:00 16:00 to 21:00	00:00 to 12:00 13:00 to 16:00 21:00 to 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/kVArh	Excess capacity charge p/kVA/day	Closed LLFCs
Domestic Unrestricted	100, 105, 800, 860	1	3.470			2.72				n/a
Domestic Two Rate	101, 106, 801, 861,	2	3.799	0.208		2.72				n/a
Domestic Off Peak (related MPAN)	194, 843	2	0.315							n/a
Small Non Domestic Unrestricted	200, 810, 862	3	2.783			7.10				n/a
Small Non Domestic Two Rate	201, 811, 863	4	3.580	0.266		7.10				n/a
Small Non Domestic Off Peak (related MPAN)	294	4	0.327							n/a
LV Medium Non-Domestic	300	5-8	3.444	0.155		48.16				n/a
LV Sub Medium Non-Domestic	344	5-8	3.144	0.139		27.56				n/a
LV HH Metered	300	0	16.371	1.574	0.112	10.21	2.78	0.568	2.78	n/a
LV Sub HH Metered	344	0	13.091	1.256	0.083	7.50	3.26	0.503	3.26	n/a

	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/kVArh	Excess capacity charge p/kVA/day	Closed LLFCs
HV HH Metered	400	0	12.330	1.184	0.071	76.40	3.30	0.402	3.30	n/a
NHH UMS category A	718	8	2.641							n/a
NHH UMS category B	701	1	3.027							n/a
NHH UMS category C	719	1	4.862							n/a
NHH UMS category D	720	1	2.338							n/a
LV UMS (Pseudo HH Metered)	700	0	43.903	2.632	0.817					n/a
LV Generation NHH	697	8	-0.798							n/a
LV Sub Generation NHH	717	8	-0.732							n/a
LV Generation Intermittent	697	0	-0.798					0.262		n/a
LV Generation Non-Intermittent	603	0	-6.532	-0.622	-0.090			0.262		n/a
LV Sub Generation Intermittent	602	0	-0.732					0.228		n/a
LV Sub Generation Non-Intermittent	604	0	-5.987	-0.569	-0.084			0.228		n/a
HV Generation Intermittent	698	0	-0.493			37.55		0.186		n/a
HV Generation Non-Intermittent	606	0	-4.034	-0.379	-0.061	37.55		0.186		n/a

Western Power Distribution (South Wales) plc - Effective from 1 April 2014 - Indicative EDCM charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band
Monday to Friday Nov to Feb (excluding 22nd Dec to 4th Jan inclusive)	17:00 - 19:30
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 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)
504	504	2189999999714, 2100040014545, 2100040007060, 2100040007130, 2100040007079, 2100040007088, 2100040007097, 2100040007120, 2100040007111, 2100040007102			0	Corus Trostre	0.366	0.00	5.18	5.18	0.000	0.00	0.00	0.00
505	505	2189999999732, 2100040135899, 2100040135904			0	Corus Orb	0.430	2766.44	4.36	4.36	0.000	0.00	0.00	0.00
507	507	2100040067486	664	664	2100040067477	ABB Cornelly	0.000	19.61	2.59	2.59	-1.226	627.59	0.07	0.07
508	508	2100041079038	674	674	2100041079047	Bettws	0.000	11.18	2.18	2.18	0.000	827.40	0.07	0.07
509	509	2100040126342	660	660	2100040126333	Blaen Bowi	1.865	9.57	2.40	2.40	0.000	373.17	0.07	0.07
510	510	2199989614144			0	Mir Steel	0.000	797.26	0.86	0.86	0.000	0.00	0.00	0.00
511	511	2199989610089, 2199989271918, 2199989271927, 2199989271936			0	Boc Margam	0.000	2096.35	3.84	3.84	0.000	0.00	0.00	0.00
512	512	2199989610024			0	Ford Bridgend	0.320	2753.49	6.93	6.93	0.000	0.00	0.00	0.00
513	513	2199989616995			0	Alcoa	0.016	0.00	2.60	2.60	0.000	0.00	0.00	0.00
514	514	2189999999928			0	Celsa Rod Mills	0.000	4766.73	3.01	3.01	0.000	0.00	0.00	0.00
515	515	2199989638961 2199989638970	618	618	2100040867636 2100040867645	Murphy Oil	0.202	3430.97	6.44	6.44	-0.202	3087.87	0.07	0.07
517	517	2189999998678			0	Chevron	0.000	31155.66	2.29	2.29	0.000	0.00	0.00	0.00
518	518	2189999996893, 2189999996884	619	619	2100040023638 2100040023647	Interbrew Magor USKM	0.038	129.50	8.60	8.60	0.000	0.00	0.00	0.00
519	519	2199989611204			0	Mainline Pipelines	0.007	126.72	4.54	4.54	0.000	0.00	0.00	0.00
520	520	2189999999937			0	Celsa 33 11	0.986	3046.05	3.62	3.62	0.000	0.00	0.00	0.00
522	522	2199989628537			0	Lafarge - Blue Circle	0.000	836.09	4.03	4.03	0.000	0.00	0.00	0.00
529	529	2189999997309, 2189999997293, 2189999997284, 2189999997275			0	Inco	0.039	1347.64	4.70	4.70	0.000	0.00	0.00	0.00
531	531	2199989628430			0	Swansea University	0.459	2720.35	4.30	4.30	0.000	0.00	0.00	0.00
532	532	2199989640232			0	DCWW Nantgaredig	1.231	771.63	3.85	3.85	0.000	0.00	0.00	0.00
533	533	2199989633174, 2199989633165, 2199989633183	633	633	2198765427530	Bridgend Paper Mill	0.104	300.13	3.56	3.56	0.000	0.00	0.00	0.00
534	534	2189999997460, 2189999997683, 2189999997451			0	Momentive Chemicals	0.001	380.17	9.05	9.05	0.000	0.00	0.00	0.00
535	535	2189999998924 2199989663578 2189999998942 2189999998933	617	617	2100040890430 2100040890412 2100040890440 2100040890459	Monsanto	0.066	327.03	4.22	4.22	-1.279	179.86	0.07	0.07
536	536	2199989353710, 2199989353701	636	636	2189999997354	Dow Corning	0.001	457.35	9.17	9.17	0.000	0.00	0.00	0.00
538	538	2198765295402			0	DCWW Rover Way	0.113	253.45	7.04	7.04	0.000	0.00	0.00	0.00
539	539	2100040302060			0	Simms metals	0.000	838.58	2.42	2.42	0.000	0.00	0.00	0.00
541	541	2100040752410 2100040752420	678	678	2100040752396 2100040752401	Milford Energy	0.007	107.52	1.99	1.99	-0.007	145.92	0.07	0.07

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 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 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)
542	542	2100040636538, 2100040653932			0	SHLNG	0.199	12450.55	5.83	5.83	0.000	0.00	0.00	0.00
545	545	2100040769015, 2100040769033, 2100040769042			0	Felindre	0.000	4864.81	1.53	1.53	0.000	0.00	0.00	0.00
546	546	2100040781360, 2100040781379			0	Timet	0.016	771.63	4.27	4.27	0.000	0.00	0.00	0.00
547	547	2100040495610	663	663	2100040495600	Blaen Cregan	0.000	6.67	3.11	3.11	0.000	0.00	0.00	0.00
548	548	2100040878007	668	668	2100040878016	Blaengwen	0.198	555.07	3.02	3.02	0.000	12766.63	0.07	0.07
549	549	2199989639264	651	651	2199989632384	Bryn Titli	1.027	39.49	3.88	3.88	0.000	0.00	0.00	0.00
571	571	2100040067538	665	665	2100040067529	Crymlin Burrows	0.075	217.13	3.34	3.34	0.000	0.00	0.00	0.00
572	572	2199989635669	652	652	2189999997390	Dyffryn Brodyn	1.323	6.77	2.56	2.56	0.000	0.00	0.00	0.00
574	574	2199989614809	653	653	2199989612769	Llyn Brianne	0.000	169.70	1.49	1.49	0.000	0.00	0.00	0.00
575	575	2100041079171	676	676	2100041079180	Maerdy	0.135	20.99	1.87	1.87	0.000	1679.00	0.07	0.07
577	577	2100040719992	661	661	2100040719983	Margam Biomass	0.000	279.16	1.27	1.27	-0.163	2205.33	0.07	0.07
578	578	New Connection	677	677	New Connection	Newport Biomass	0.000	234.56	2.22	2.22	0.000	1954.71	0.07	0.07
579	579	2100040485950	670	670	2100040485940	Pwllfa Gwatkin	0.123	34.47	1.71	1.71	0.000	0.00	0.00	0.00
580	580	2199989641937	650	650	2189999997345	Taff Ely	0.000	4.21	1.96	1.96	0.000	0.00	0.00	0.00
581	581	2100040609516	662	662	2100040609507	Trecatti	0.000	94.39	1.46	1.46	0.000	566.31	0.07	0.07
582	582	2100040694060	666	666	2100040694051	Withy Hedges	2.888	8.26	1.52	1.52	-2.888	474.98	0.07	0.07
583	583	2198765146436	659	659	2198765142992	Parc Cynog	1.302	0.00	2.37	2.37	0.000	0.00	0.00	0.00
584	584	2100040841771	667	667	2100040841780	Parc Cynog (Pendine)	1.302	23.16	2.08	2.08	0.000	404.26	0.07	0.07
585	585	2100040960600	684	684	2100040960619	Maesgwyn	0.001	91.24	2.23	2.23	0.000	4744.35	0.07	0.07
586	586	2100040989413	679	679	2100040989431	Ferndale Wind Farm	0.000	24.84	1.49	1.49	0.000	794.81	0.07	0.07
587	587	2100041090096	685	685	2100041090087	Pant y Wal WF	0.007	17.99	1.70	1.70	0.000	1589.91	0.07	0.07
588	588	2100041063650	686	686	2100041063669	Mynydd Portref	0.000	10.75	1.81	1.81	0.000	716.46	0.07	0.07
590	590	New Connection	649	649	New Connection	ROSE COTTAGE 909	0.000	6.47	2.28	2.28	0.000	797.33	0.07	0.07
593	593	2189999997503, 2189999997512			0	Camford	1.440	0.00	6.27	6.27	0.000	0.00	0.00	0.00
594	594	2189999997025, 2189999997034, 2189999997043			0	Hoover	1.325	380.17	10.89	10.89	0.000	0.00	0.00	0.00
620	620	2199989611348			0	University Hospital of Wales	1.385	253.45	4.08	4.08	0.000	0.00	0.00	0.00
622	622	2199989609970			0	QuinetiQ	2.358	126.72	14.82	14.82	0.000	0.00	0.00	0.00
623	623	2100041070815, 2100041071828			0	Western Coal	0.129	771.63	4.10	4.10	0.000	0.00	0.00	0.00
625	625	2100040983990	658	658	2199989641360	Tregaron	3.066	1.25	1.99	1.99	-3.066	125.47	0.07	0.07
627	627	2100041072798	646	646	2100041072803	WAUNLAN 33kV TEE	0.148	3.71	1.51	1.51	-0.148	742.68	0.07	0.07
628	628	2100041078805	645	645	2100041078814	BRITON FERRY 33kV	0.042	1.98	1.67	1.67	-0.114	430.05	0.07	0.07
629	629	2100041089700	644	644	2100041089685	HIRWAUN 33kV	0.132	4.67	1.89	1.89	-0.174	1016.08	0.07	0.07
631	631	2100041080121	643	643	2100041080130	Ffos Las Tee	0.760	8.57	2.39	2.39	0.000	428.63	0.07	0.07
632	632	2100041080140	642	642	2100041080177	Pont Andrew Tee	0.347	12.51	2.43	2.43	0.000	412.96	0.07	0.07
880	880	2189999997595, 2100041097589	788	788	2100041120244	Corus Margam1 GRAN6A	0.000	0.00	1.47	1.47	0.000	0.00	0.00	0.00
881	881	2189999997600	601	601	2189999998739	Corus Margam2 CEFN6	0.000	1802.44	5.10	5.10	-1.004	484.27	0.07	0.07
882	882	2100041103391	790	790	2100041103407	TIR JOHN STOR 33KV GEN	0.075	2.54	1.84	1.84	-0.148	508.02	0.07	0.07
883	883	2100041105593	940	940	2100041105609	Wear Point WF	1.202	8.32	1.84	1.84	0.000	1188.57	0.07	0.07
884	884	2100041113229	791	791	2100041113247	West Farm PV	0.622	4.78	1.85	1.85	0.000	422.65	0.07	0.07
885	885	2100041113326	792	792	2100041113335	Jordanston Farm PV	1.005	2.31	2.11	2.11	0.000	525.37	0.07	0.07
886	886	2100041115787	793	793	2100041115796	RUDBAXTON 33KV GEN	2.879	4.81	1.79	1.79	0.000	1058.36	0.07	0.07
887	887	2100041119258	941	941	2100041119267	WOGASTON FARM 33KV	0.452	3.44	1.85	1.85	0.000	573.25	0.07	0.07
888	888	2100041120350	942	942	2100041120360	DOWLAIS STOR 33KV GEN	0.000	3.95	1.46	1.46	0.000	858.72	0.07	0.07
889	889	2100041136537	943	943	2100041136546	HOPLASS FARM 910	0.452	2.05	1.85	1.85	0.000	615.81	0.07	0.07
890	890	2100041142372	944	944	2100041142381	TRIDENT PARK 951	0.088	218.80	1.80	1.80	-0.088	1403.46	0.07	0.07
891	891	2100041150763	945	945	2100041150772	BAGLAN 921	0.042	0.00	1.82	1.82	0.000	1256.83	0.07	0.07
892	892	2100041150781	956	946	2100041150790	Whitland (Caermelyn)	3.044	4.14	1.79	1.79	0.000	413.51	0.07	0.07
893	893	2100041150833	947	947	2100041150842	LIDDLESTONE RIDGE 910	1.654	1.63	1.83	1.83	0.000	428.24	0.07	0.07
894	894	2100041172093	948	948	2100041172109	GARN FARM 950	0.000	6.73	1.99	1.99	0.000	430.48	0.07	0.07
7051	7051	CVA	7051	7051	CVA	Centrica	0.000	0.00	2.46	2.46	0.000	0.00	0.00	0.00
7159	7159	CVA	7159	7159	CVA	British Energy	0.061	22.15	1.74	1.74	0.000	0.00	0.00	0.00
7163	7163	CVA	7163	7163	CVA	Aberaman Park	0.014	27.76	2.07	2.07	0.000	0.00	0.00	0.00
CVA1	CVA	CVA				Aberystwyth - Manweb	0.237	0.00	12.63	12.63	0.000	0.00	0.00	0.00
New Import 1	New Import 1	New Import 1	New Export 1	New Export 1	New Export 1	ABERAMAN 954	0.014	73.66	1.88	1.88	-0.159	864.32	0.07	0.07
New Import 2	New Import 2	New Import 2	New Export 2	New Export 2	New Export 2	ABERGELLI FARM 922	0.000	26.66	1.79	1.79	0.000	1721.16	0.07	0.07
New Import 3	New Import 3	New Import 3	New Export 3	New Export 3	New Export 3	BARRY STOR 950/957	0.091	10.19	1.80	1.80	-0.091	407.46	0.07	0.07
New Import 4	New Import 4	New Import 4	New Export 4	New Export 4	New Export 4	BEDLINOG 955	0.442	6.38	1.96	1.96	0.000	478.29	0.07	0.07
New Import 5	New Import 5	New Import 5	New Export 5	New Export 5	New Export 5	BERTHLLWYD FARM 954	0.000	3.19	1.79	1.79	0.000	531.82	0.07	0.07

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 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 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)
New Import 6	New Import 6	New Import 6	New Export 6	New Export 6	New Export 6	BRYN CYRNAU ISAF 928	1.232	4.28	2.58	2.58	0.000	570.11	0.07	0.07
New Import 7	New Import 7	New Import 7	New Export 7	New Export 7	New Export 7	BRYNTEG FARM 924	0.232	3.35	2.44	2.44	0.000	419.18	0.07	0.07
New Import 8	New Import 8	New Import 8	New Export 8	New Export 8	New Export 8	CEFN BETINGAU 922	0.000	2.14	1.81	1.81	0.000	771.21	0.07	0.07
New Import 9	New Import 9	New Import 9	New Export 9	New Export 9	New Export 9	CLAWDD DU 33KV GEN	0.104	1.04	1.79	1.79	0.000	426.38	0.07	0.07
New Import 10	New Import 10	New Import 10	New Export 10	New Export 10	New Export 10	CLUNGWYN 928	1.662	7.42	2.62	2.62	0.000	865.45	0.07	0.07
New Import 11	New Import 11	New Import 11	New Export 11	New Export 11	New Export 11	CRUGMORE FARM 928	2.129	0.83	2.85	2.85	0.000	715.12	0.07	0.07
New Import 12	New Import 12	New Import 12	New Export 12	New Export 12	New Export 12	DAFEN PARK 924	1.276	6.09	2.22	2.22	-1.402	121.85	0.07	0.07
New Import 13	New Import 13	New Import 13	New Export 13	New Export 13	New Export 13	FENTON FARM 910/911	2.834	0.96	1.79	1.79	0.000	692.62	0.07	0.07
New Import 14	New Import 14	New Import 14	New Export 14	New Export 14	New Export 14	HAFOD Y DAFAL 983	7.357	13.22	1.80	1.80	0.000	1133.09	0.07	0.07
New Import 15	New Import 15	New Import 15	New Export 15	New Export 15	New Export 15	HENDAI FARM 955	0.441	3.64	1.88	1.88	0.000	607.03	0.07	0.07
New Import 16	New Import 16	New Import 16	New Export 16	New Export 16	New Export 16	HENDRE FAWR FARM 956	0.127	1.57	2.39	2.39	0.000	533.44	0.07	0.07
New Import 17	New Import 17	New Import 17	New Export 17	New Export 17	New Export 17	JESUS COLLEGE 950	0.001	1.91	1.97	1.97	0.000	508.65	0.07	0.07
New Import 18	New Import 18	New Import 18	New Export 18	New Export 18	New Export 18	LANGTON FARM 911	3.537	1.68	2.18	2.18	0.000	126.26	0.07	0.07
New Import 19	New Import 19	New Import 19	New Export 19	New Export 19	New Export 19	LLWYNDDU #2 928	2.129	2.39	2.77	2.77	0.000	420.15	0.07	0.07
New Import 20	New Import 20	New Import 20	New Export 20	New Export 20	New Export 20	LLWYNDDU 928	2.143	1.86	2.77	2.77	0.000	432.90	0.07	0.07
897	897	2100041197887	951	951	2100041197896	Loughor Solar Park	0.009	2.22	2.07	2.07	0.000	427.51	0.07	0.07
New Import 22	New Import 22	New Import 22	New Export 22	New Export 22	New Export 22	LOWER HOUSE FARM 980	1.045	22.24	2.30	2.30	0.000	978.68	0.07	0.07
New Import 23	New Import 23	New Import 23	New Export 23	New Export 23	New Export 23	MYNYDD PORTREF #2 953/958	0.000	35.57	1.79	1.79	0.000	2371.57	0.07	0.07
New Import 24	New Import 24	New Import 24	New Export 24	New Export 24	New Export 24	NORTH TENEMENT 910	2.349	6.39	1.79	1.79	0.000	409.15	0.07	0.07
New Import 25	New Import 25	New Import 25	New Export 25	New Export 25	New Export 25	PANTYMOCH 921	0.000	3.27	2.15	2.15	0.000	654.00	0.07	0.07
New Import 26	New Import 26	New Import 26	New Export 26	New Export 26	New Export 26	PENDERI 919	0.023	12.00	2.49	2.49	0.000	7199.77	0.07	0.07
New Import 27	New Import 27	New Import 27	New Export 27	New Export 27	New Export 27	PENLLWYNGWYN FARM 924	0.340	7.46	2.30	2.30	0.000	1481.18	0.07	0.07
New Import 28	New Import 28	New Import 28	New Export 28	New Export 28	New Export 28	PENRHIN 954	0.014	4.53	1.89	1.89	0.000	453.08	0.07	0.07
New Import 29	New Import 29	New Import 29	New Export 29	New Export 29	New Export 29	PENTRE FARM 924/926	0.347	62.52	2.43	2.43	0.000	625.15	0.07	0.07
New Import 30	New Import 30	New Import 30	New Export 30	New Export 30	New Export 30	PENYCAE 926	0.104	10.45	1.79	1.79	0.000	1624.90	0.07	0.07
New Import 31	New Import 31	New Import 31	New Export 31	New Export 31	New Export 31	PENYCRAIG 928	1.631	4.58	2.62	2.62	0.000	572.11	0.07	0.07
New Import 32	New Import 32	New Import 32	New Export 32	New Export 32	New Export 32	SARON 926	0.104	7.32	1.79	1.79	0.000	1138.99	0.07	0.07
New Import 33	New Import 33	New Import 33	New Export 33	New Export 33	New Export 33	ST BRIDES 953	0.000	2.25	2.17	2.17	0.000	449.63	0.07	0.07
898	898	2100041197869	952	952	2100041197878	Sutton Farm PV	0.000	13.61	1.98	1.98	0.000	861.29	0.07	0.07
New Import 35	New Import 35	New Import 35	New Export 35	New Export 35	New Export 35	TAFF ELY EXTENSION 953	0.000	2.62	1.93	1.93	0.000	459.03	0.07	0.07
New Import 36	New Import 36	New Import 36	New Export 36	New Export 36	New Export 36	TONYPANDY STOR 953/954	0.000	4.12	2.05	2.05	-0.471	433.08	0.07	0.07
896	896	2100041195090	950	950	2100041195106	Treguff Farm	0.000	10.60	2.07	2.07	0.000	402.65	0.07	0.07
New Import 38	New Import 38	New Import 38	New Export 38	New Export 38	New Export 38	WHISTON 911	2.834	10.86	1.79	1.79	0.000	1086.27	0.07	0.07
New Import 39	New Import 39	New Import 39	New Export 39	New Export 39	New Export 39	WHITTON MAWR 950	0.000	8.57	1.95	1.95	0.000	428.63	0.07	0.07
New Import 40	New Import 40	New Import 40	New Export 40	New Export 40	New Export 40	YERBESTON GATE 910	2.058	1.03	2.61	2.61	0.000	412.21	0.07	0.07

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).

Western Power Distribution (South Wales) plc - Effective from 1 April 2014 - Final EDCM import charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band
Monday to Friday Nov to Feb (excluding 22nd Dec to 4th Jan inclusive)	17:00 - 19:30
Notes	All the above times are in UK Clock time

Import Unique Identifier	LLFC	Import 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)
504	504	2189999999714, 2100040014545, 2100040007060, 2100040007130, 2100040007079, 2100040007088, 2100040007097, 2100040007120, 2100040007111, 2100040007102	Corus Trostre	0.366		5.18	5.18
505	505	2189999999732, 2100040135899, 2100040135904	Corus Orb	0.430	2,766.44	4.36	4.36
507	507	2100040067486	ABB Cornelly		19.61	2.59	2.59
508	508	2100041079038	Bettws		11.18	2.18	2.18
509	509	2100040126342	Blaen Bowi	1.865	9.57	2.40	2.40
510	510	2199989614144	Mir Steel		797.26	0.86	0.86
511	511	2199989610089, 2199989271918, 2199989271927, 2199989271936	Boc Margam		2,096.35	3.84	3.84
512	512	2199989610024	Ford Bridgend	0.320	2,753.49	6.93	6.93
513	513	2199989616995	Alcoa	0.016		2.60	2.60
514	514	2189999999928	Celsa Rod Mills		4,766.73	3.01	3.01

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 rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)
515	515	2199989638961 2199989638970	Murphy Oil	0.202	3,430.97	6.44	6.44
517	517	2189999998678	Chevron		31,155.66	2.29	2.29
518	518	2189999996893, 2189999996884	Interbrew Magor USKM	0.038	129.50	8.60	8.60
519	519	2199989611204	Mainline Pipelines	0.007	126.72	4.54	4.54
520	520	2189999999937	Celsa 33 11	0.986	3,046.05	3.62	3.62
522	522	2199989628537	Lafarge - Blue Circle		836.09	4.03	4.03
529	529	2189999997309, 2189999997293, 2189999997284, 2189999997275	Inco	0.039	1,347.64	4.70	4.70
531	531	2199989628430	Swansea University	0.459	2,720.35	4.30	4.30
532	532	2199989640232	DCWW Nantgaredig	1.231	771.63	3.85	3.85
533	533	2199989633174, 2199989633165, 2199989633183	Bridgend Paper Mill	0.104	300.13	3.56	3.56
534	534	2189999997460, 2189999997683, 2189999997451	Momentive Chemicals	0.001	380.17	9.05	9.05
535	535	2189999998924 2199989663578 2189999998942 2189999998933	Monsanto	0.066	327.03	4.22	4.22
536	536	2199989353710, 2199989353701	Dow Corning	0.001	457.35	9.17	9.17
538	538	2198765295402	DCWW Rover Way	0.113	253.45	7.04	7.04
539	539	2100040302060	Simms metals		838.58	2.42	2.42
541	541	2100040752410 2100040752420	Milford Energy	0.007	107.52	1.99	1.99
542	542	2100040636538, 2100040653932	SHLNG	0.199	12,450.55	5.83	5.83
545	545	2100040769015, 2100040769033, 2100040769042	Felindre		4,864.81	1.53	1.53

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 rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)
546	546	2100040781360, 2100040781379	Timet	0.016	771.63	4.27	4.27
547	547	2100040495610	Blaen Cregan		6.67	3.11	3.11
548	548	2100040878007	Blaengwen	0.198	555.07	3.02	3.02
549	549	2199989639264	Bryn Titli	1.027	39.49	3.88	3.88
571	571	2100040067538	Crymlin Burrows	0.075	217.13	3.34	3.34
572	572	2199989635669	Dyffryn Brodyn	1.323	6.77	2.56	2.56
574	574	2199989614809	Llyn Brianne		169.70	1.49	1.49
575	575	2100041079171	Maerdy	0.135	20.99	1.87	1.87
577	577	2100040719992	Margam Biomass		279.16	1.27	1.27
578	578	New Connection	Newport Biomass		234.56	2.22	2.22
579	579	2100040485950	Pwllfa Gwatkin	0.123	34.47	1.71	1.71
580	580	2199989641937	Taff Ely		4.21	1.96	1.96
581	581	2100040609516	Trecatti		94.39	1.46	1.46
582	582	2100040694060	Withy Hedges	2.888	8.26	1.52	1.52
583	583	2198765146436	Parc Cynog	1.302		2.37	2.37
584	584	2100040841771	Parc Cynog (Pendine)	1.302	23.16	2.08	2.08
585	585	2100040960600	Maesgwyn	0.001	91.24	2.23	2.23
586	586	2100040989413	Ferndale Wind Farm		24.84	1.49	1.49
587	587	2100041090096	Pant y Wal WF	0.007	17.99	1.70	1.70
588	588	2100041063650	Mynydd Portref		10.75	1.81	1.81
590	590	New Connection	ROSE COTTAGE 909		6.47	2.28	2.28
593	593	2189999997503, 2189999997512	Camford	1.440		6.27	6.27
594	594	2189999997025, 2189999997034, 2189999997043	Hoover	1.325	380.17	10.89	10.89
620	620	2199989611348	University Hospital of Wales	1.385	253.45	4.08	4.08
622	622	2199989609970	QuinetiQ	2.358	126.72	14.82	14.82
623	623	2100041070815, 2100041071828	Western Coal	0.129	771.63	4.10	4.10
625	625	2100040983990	Tregaron	3.066	1.25	1.99	1.99
627	627	2100041072798	WAUNLAN 33kV TEE	0.148	3.71	1.51	1.51
628	628	2100041078805	BRITON FERRY 33kV	0.042	1.98	1.67	1.67
629	629	2100041089700	HIRWAUN 33kV	0.132	4.67	1.89	1.89
631	631	2100041080121	Ffos Las Tee	0.760	8.57	2.39	2.39

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 rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)
632	632	2100041080140	Pont Andrew Tee	0.347	12.51	2.43	2.43
880	880	2189999997595, 2100041097589	Corus Margam1 GRAN6A			1.47	1.47
881	881	2189999997600	Corus Margam2 CEFN6		1,802.44	5.10	5.10
882	882	2100041103391	TIR JOHN STOR 33KV GEN	0.075	2.54	1.84	1.84
883	883	2100041105593	Wear Point WF	1.202	8.32	1.84	1.84
884	884	2100041113229	West Farm PV	0.622	4.78	1.85	1.85
885	885	2100041113326	Jordanston Farm PV	1.005	2.31	2.11	2.11
886	886	2100041115787	RUDBAXTON 33KV GEN	2.879	4.81	1.79	1.79
887	887	2100041119258	WOGASTON FARM 33KV	0.452	3.44	1.85	1.85
888	888	2100041120350	DOWLAIS STOR 33KV GEN		3.95	1.46	1.46
889	889	2100041136537	HOPLASS FARM 910	0.452	2.05	1.85	1.85
890	890	2100041142372	TRIDENT PARK 951	0.088	218.80	1.80	1.80
891	891	2100041150763	BAGLAN 921	0.042		1.82	1.82
892	892	2100041150781	Whitland (Caermelyn)	3.044	4.14	1.79	1.79
893	893	2100041150833	LIDDLESTONE RIDGE 910	1.654	1.63	1.83	1.83
894	894	2100041172093	GARN FARM 950		6.73	1.99	1.99
7051	7051	CVA	Centrica			2.46	2.46
7159	7159	CVA	British Energy	0.061	22.15	1.74	1.74
7163	7163	CVA	Aberaman Park	0.014	27.76	2.07	2.07
CVA1	CVA	CVA	Aberystwyth - Manweb	0.237		12.63	12.63
New Import 1	New Import 1	New Import 1	ABERAMAN 954	0.014	73.66	1.88	1.88
New Import 2	New Import 2	New Import 2	ABERGELLI FARM 922		26.66	1.79	1.79
New Import 3	New Import 3	New Import 3	BARRY STOR 950/957	0.091	10.19	1.80	1.80
New Import 4	New Import 4	New Import 4	BEDLINOG 955	0.442	6.38	1.96	1.96
New Import 5	New Import 5	New Import 5	BERTHLLWYD FARM 954		3.19	1.79	1.79
New Import 6	New Import 6	New Import 6	BRYN CYRNAU ISAF 928	1.232	4.28	2.58	2.58
New Import 7	New Import 7	New Import 7	BRYNTEG FARM 924	0.232	3.35	2.44	2.44
New Import 8	New Import 8	New Import 8	CEFN BETINGAU 922		2.14	1.81	1.81
New Import 9	New Import 9	New Import 9	CLAWDD DU 33KV GEN	0.104	1.04	1.79	1.79
New Import 10	New Import 10	New Import 10	CLUNGWYN 928	1.662	7.42	2.62	2.62
New Import 11	New Import 11	New Import 11	CRUGMORE FARM 928	2.129	0.83	2.85	2.85
New Import 12	New Import 12	New Import 12	DAFEN PARK 924	1.276	6.09	2.22	2.22
New Import 13	New Import 13	New Import 13	FENTON FARM 910/911	2.834	0.96	1.79	1.79
New Import 14	New Import 14	New Import 14	HAFOD Y DAFAL 983	7.357	13.22	1.80	1.80
New Import 15	New Import 15	New Import 15	HENDAI FARM 955	0.441	3.64	1.88	1.88

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 rate (p/kWh)	Import fixed charge (p/day)	Import capacity rate (p/kVA/day)	Import exceeded capacity rate (p/kVA/day)
New Import 16	New Import 16	New Import 16	HENDRE FAWR FARM 956	0.127	1.57	2.39	2.39
New Import 17	New Import 17	New Import 17	JESUS COLLEGE 950	0.001	1.91	1.97	1.97
New Import 18	New Import 18	New Import 18	LANGTON FARM 911	3.537	1.68	2.18	2.18
New Import 19	New Import 19	New Import 19	LLWYNDDU #2 928	2.129	2.39	2.77	2.77
New Import 20	New Import 20	New Import 20	LLWYNDDU 928	2.143	1.86	2.77	2.77
897	897	2100041197887	Loughor Solar Park	0.009	2.22	2.07	2.07
New Import 22	New Import 22	New Import 22	LOWER HOUSE FARM 980	1.045	22.24	2.30	2.30
New Import 23	New Import 23	New Import 23	MYNYDD PORTREF #2 953/958		35.57	1.79	1.79
New Import 24	New Import 24	New Import 24	NORTH TENEMENT 910	2.349	6.39	1.79	1.79
New Import 25	New Import 25	New Import 25	PANTYMOCH 921		3.27	2.15	2.15
New Import 26	New Import 26	New Import 26	PENDERI 919	0.023	12.00	2.49	2.49
New Import 27	New Import 27	New Import 27	PENLLWYNGWYN FARM 924	0.340	7.46	2.30	2.30
New Import 28	New Import 28	New Import 28	PENRHIN 954	0.014	4.53	1.89	1.89
New Import 29	New Import 29	New Import 29	PENTRE FARM 924/926	0.347	62.52	2.43	2.43
New Import 30	New Import 30	New Import 30	PENYCAE 926	0.104	10.45	1.79	1.79
New Import 31	New Import 31	New Import 31	PENYCRAIG 928	1.631	4.58	2.62	2.62
New Import 32	New Import 32	New Import 32	SARON 926	0.104	7.32	1.79	1.79
New Import 33	New Import 33	New Import 33	ST BRIDES 953		2.25	2.17	2.17
898	898	2100041197869	Sutton Farm PV		13.61	1.98	1.98
New Import 35	New Import 35	New Import 35	TAFF ELY EXTENSION 953		2.62	1.93	1.93
New Import 36	New Import 36	New Import 36	TONYPANDY STOR 953/954		4.12	2.05	2.05
896	896	2100041195090	Treguff Farm		10.60	2.07	2.07
New Import 38	New Import 38	New Import 38	WHISTON 911	2.834	10.86	1.79	1.79
New Import 39	New Import 39	New Import 39	WHITTON MAWR 950		8.57	1.95	1.95
New Import 40	New Import 40	New Import 40	YERBESTON GATE 910	2.058	1.03	2.61	2.61

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

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

Western Power Distribution (South Wales) plc - Effective from 1 April 2014 - Final EDCM export charges

Time Periods for Designated EHV Properties

Time periods	Super Red Time Band
Monday to Friday Nov to Feb (excluding 22nd Dec to 4th Jan inclusive)	17:00 - 19:30
Notes	All the above times are in UK Clock time

Export Unique Identifier	LLFC	Export MPANs/MSIDs	Name	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)
664	664	2100040067477	ABB Cornelly	-1.226	627.59	0.07	0.07
674	674	2100041079047	Bettws		827.40	0.07	0.07
660	660	2100040126333	Blaen Bowi		373.17	0.07	0.07
618	618	2100040867636 2100040867645	Murphy Oil	-0.202	3,087.87	0.07	0.07
619	619	2100040023638 2100040023647	Interbrew Magor USKM				
633	633	2198765427530	Bridgend Paper Mill				
617	617	2100040890430 2100040890412 2100040890440 2100040890459	Monsanto	-1.279	179.86	0.07	0.07
636	636	2189999997354	Dow Corning				
678	678	2100040752396 2100040752401	Milford Energy	-0.007	145.92	0.07	0.07
663	663	2100040495600	Blaen Cregan				
668	668	2100040878016	Blaengwen		12,766.63	0.07	0.07
651	651	2199989632384	Bryn Titli				
665	665	2100040067529	Crymlin Burrows				
652	652	2189999997390	Dyffryn Brodyn				
653	653	2199989612769	Llyn Brianne				
676	676	2100041079180	Maerdy		1,679.00	0.07	0.07
661	661	2100040719983	Margam Biomass	-0.163	2,205.33	0.07	0.07
677	677	New Connection	Newport Biomass		1,954.71	0.07	0.07

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 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 rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
670	670	2100040485940	Pwllfa Gwatkin				
650	650	2189999997345	Taff Ely				
662	662	2100040609507	Trecatti		566.31	0.07	0.07
666	666	2100040694051	Withy Hedges	-2.888	474.98	0.07	0.07
659	659	2198765142992	Parc Cynog				
667	667	2100040841780	Parc Cynog (Pendine)		404.26	0.07	0.07
684	684	2100040960619	Maesgwyn		4,744.35	0.07	0.07
679	679	2100040989431	Ferndale Wind Farm		794.81	0.07	0.07
685	685	2100041090087	Pant y Wal WF		1,589.91	0.07	0.07
686	686	2100041063669	Mynydd Portref		716.46	0.07	0.07
649	649	New Connection	ROSE COTTAGE 909		797.33	0.07	0.07
658	658	2199989641360	Tregaron	-3.066	125.47	0.07	0.07
646	646	2100041072803	WAUNLAN 33kV TEE	-0.148	742.68	0.07	0.07
645	645	2100041078814	BRITON FERRY 33kV	-0.114	430.05	0.07	0.07
644	644	2100041089685	HIRWAUN 33kV	-0.174	1,016.08	0.07	0.07
643	643	2100041080130	Ffos Las Tee		428.63	0.07	0.07
642	642	2100041080177	Pont Andrew Tee		412.96	0.07	0.07
788	788	2100041120244	Corus Margam1 GRAN6A				
601	601	2189999998739	Corus Margam2 CEFN6	-1.004	484.27	0.07	0.07
790	790	2100041103407	TIR JOHN STOR 33KV GEN	-0.148	508.02	0.07	0.07
940	940	2100041105609	Wear Point WF		1,188.57	0.07	0.07
791	791	2100041113247	West Farm PV		422.65	0.07	0.07
792	792	2100041113335	Jordanston Farm PV		525.37	0.07	0.07
793	793	2100041115796	RUDBAXTON 33KV GEN		1,058.36	0.07	0.07
941	941	2100041119267	WOGASTON FARM 33KV		573.25	0.07	0.07
942	942	2100041120360	DOWLAIS STOR 33KV GEN		858.72	0.07	0.07
943	943	2100041136546	HOPLASS FARM 910		615.81	0.07	0.07
944	944	2100041142381	TRIDENT PARK 951	-0.088	1,403.46	0.07	0.07
945	945	2100041150772	BAGLAN 921		1,256.83	0.07	0.07
956	946	2100041150790	Whitland (Caermelyn)		413.51	0.07	0.07
947	947	2100041150842	LIDDLESTONE RIDGE 910		428.24	0.07	0.07
948	948	2100041172109	GARN FARM 950		430.48	0.07	0.07
7051	7051	CVA	Centrica				
7159	7159	CVA	British Energy				
7163	7163	CVA	Aberaman Park				
New Export 1	New Export 1	New Export 1	ABERAMAN 954	-0.159	864.32	0.07	0.07

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 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 rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
New Export 2	New Export 2	New Export 2	ABERGELLI FARM 922		1,721.16	0.07	0.07
New Export 3	New Export 3	New Export 3	BARRY STOR 950/957	-0.091	407.46	0.07	0.07
New Export 4	New Export 4	New Export 4	BEDLINOG 955		478.29	0.07	0.07
New Export 5	New Export 5	New Export 5	BERTHLLWYD FARM 954		531.82	0.07	0.07
New Export 6	New Export 6	New Export 6	BRYN CYRNAU ISAF 928		570.11	0.07	0.07
New Export 7	New Export 7	New Export 7	BRYNTEG FARM 924		419.18	0.07	0.07
New Export 8	New Export 8	New Export 8	CEFN BETINGAU 922		771.21	0.07	0.07
New Export 9	New Export 9	New Export 9	CLAWDD DU 33KV GEN		426.38	0.07	0.07
New Export 10	New Export 10	New Export 10	CLUNGWYN 928		865.45	0.07	0.07
New Export 11	New Export 11	New Export 11	CRUGMORE FARM 928		715.12	0.07	0.07
New Export 12	New Export 12	New Export 12	DAFEN PARK 924	-1.402	121.85	0.07	0.07
New Export 13	New Export 13	New Export 13	FENTON FARM 910/911		692.62	0.07	0.07
New Export 14	New Export 14	New Export 14	HAFOD Y DAFAL 983		1,133.09	0.07	0.07
New Export 15	New Export 15	New Export 15	HENDAI FARM 955		607.03	0.07	0.07
New Export 16	New Export 16	New Export 16	HENDRE FAWR FARM 956		533.44	0.07	0.07
New Export 17	New Export 17	New Export 17	JESUS COLLEGE 950		508.65	0.07	0.07
New Export 18	New Export 18	New Export 18	LANGTON FARM 911		126.26	0.07	0.07
New Export 19	New Export 19	New Export 19	LLWYNDDU #2 928		420.15	0.07	0.07
New Export 20	New Export 20	New Export 20	LLWYNDDU 928		432.90	0.07	0.07
951	951	2100041197896	Loughor Solar Park		427.51	0.07	0.07
New Export 22	New Export 22	New Export 22	LOWER HOUSE FARM 980		978.68	0.07	0.07
New Export 23	New Export 23	New Export 23	MYNYDD PORTREF #2 953/958		2,371.57	0.07	0.07
New Export 24	New Export 24	New Export 24	NORTH TENEMENT 910		409.15	0.07	0.07
New Export 25	New Export 25	New Export 25	PANTYMOCH 921		654.00	0.07	0.07
New Export 26	New Export 26	New Export 26	PENDERI 919		7,199.77	0.07	0.07
New Export 27	New Export 27	New Export 27	PENLLWYNGWYN FARM 924		1,481.18	0.07	0.07
New Export 28	New Export 28	New Export 28	PENRHIN 954		453.08	0.07	0.07
New Export 29	New Export 29	New Export 29	PENTRE FARM 924/926		625.15	0.07	0.07
New Export 30	New Export 30	New Export 30	PENYCAE 926		1,624.90	0.07	0.07
New Export 31	New Export 31	New Export 31	PENYCRAIG 928		572.11	0.07	0.07
New Export 32	New Export 32	New Export 32	SARON 926		1,138.99	0.07	0.07
New Export 33	New Export 33	New Export 33	ST BRIDES 953		449.63	0.07	0.07
952	952	2100041197878	Sutton Farm PV		861.29	0.07	0.07
New Export 35	New Export 35	New Export 35	TAFF ELY EXTENSION 953		459.03	0.07	0.07
New Export 36	New Export 36	New Export 36	TONYPANDY STOR 953/954	-0.471	433.08	0.07	0.07
950	950	2100041195106	Treguff Farm		402.65	0.07	0.07

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 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 rate (p/kWh)	Export fixed charge (p/day)	Export capacity rate (p/kVA/day)	Export exceeded capacity rate (p/kVA/day)
New Export 38	New Export 38	New Export 38	WHISTON 911		1,086.27	0.07	0.07
New Export 39	New Export 39	New Export 39	WHITTON MAWR 950		428.63	0.07	0.07
New Export 40	New Export 40	New Export 40	YERBESTON GATE 910		412.21	0.07	0.07

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.

Western Power Distribution (South Wales) plc - Effective from 1 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	400	**5-8**	**2.462**	**0.097**		**161.70**			
Notes:	Refer to main text in LC14 Statement Of Charges								

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
		0							.
Notes:									

Western Power Distribution (South Wales) plc - Effective from 1 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	17:00 to 19:30	07:30 to 17:00 19:30 to 22:00	00:00 to 07:30 22:00 to 24:00
Weekends		12:00 to 13:00 16:00 to 21:00	00:00 to 12:00 13:00 to 16:00 21:00 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 (excluding 22nd Dec to 4th Jan inclusive)	17:00 to 19:30	07:30 to 17:00 19:30 to 22:00	00:00 to 07:30 22:00 to 24:00
Monday to Friday Mar to Oct (plus 22nd Dec to 4th Jan inclusive)		07:30 to 22:00	00:00 to 07:30 22:00 to 24:00
Weekends		12:00 to 13:00 16:00 to 21:00	00:00 to 12:00 13:00 to 16:00 21:00 to 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	870	1	2.362			1.41			
LDNO LV: Domestic Two Rate	871	2	2.586	0.142		1.41			
LDNO LV: Domestic Off Peak (related MPAN)	872	2	0.214						
LDNO LV: Small Non Domestic Unrestricted	873	3	1.895			4.83			
LDNO LV: Small Non Domestic Two Rate	874	4	2.437	0.181		4.83			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	875	4	0.223						
LDNO LV: LV Medium Non-Domestic	876	5-8	2.345	0.106		32.79			
LDNO LV: LV HH Metered	877	0	11.146	1.072	0.076	6.95	1.89	0.387	1.89
LDNO LV: NHH UMS category A	877	8	1.798						
LDNO LV: NHH UMS category B	878	1	2.061						
LDNO LV: NHH UMS category C	879	1	3.310						
LDNO LV: NHH UMS category D	881	1	1.592						
LDNO LV: LV UMS (Pseudo HH Metered)	879	0	29.890	1.792	0.556				
LDNO LV: LV Generation NHH	880	8	-0.798						
LDNO LV: LV Generation Intermittent	881	0	-0.798					0.262	

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

	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: LV Generation Non-Intermittent	882	0	-6.532	-0.622	-0.090			0.262	
LDNO HV: Domestic Unrestricted	883	1	1.137			-0.03			
LDNO HV: Domestic Two Rate	884	2	1.245	0.068		-0.03			
LDNO HV: Domestic Off Peak (related MPAN)	885	2	0.103						
LDNO HV: Small Non Domestic Unrestricted	886	3	0.912			2.33			
LDNO HV: Small Non Domestic Two Rate	887	4	1.173	0.087		2.33			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	888	4	0.107						
LDNO HV: LV Medium Non-Domestic	889	5-8	1.129	0.051		15.78			
LDNO HV: LV HH Metered	890	0	5.366	0.516	0.037	3.35	0.91	0.186	0.91
LDNO HV: LV Sub HH Metered	891	0	6.481	0.622	0.041	3.71	1.61	0.249	1.61
LDNO HV: HV HH Metered	892	0	7.319	0.703	0.042	45.35	1.96	0.239	1.96
LDNO HV: NHH UMS category A	891	8	0.866						
LDNO HV: NHH UMS category B	893	1	0.992						
LDNO HV: NHH UMS category C	894	1	1.594						
LDNO HV: NHH UMS category D	896	1	0.766						
LDNO HV: LV UMS (Pseudo HH Metered)	894	0	14.389	0.863	0.268				
LDNO HV: LV Generation NHH	895	8	-0.798						
LDNO HV: LV Sub Generation NHH	902	8	-0.732						
LDNO HV: LV Generation Intermittent	896	0	-0.798					0.262	
LDNO HV: LV Generation Non-Intermittent	897	0	-6.532	-0.622	-0.090			0.262	
LDNO HV: LV Sub Generation Intermittent	898	0	-0.732					0.228	
LDNO HV: LV Sub Generation Non-Intermittent	899	0	-5.987	-0.569	-0.084			0.228	
LDNO HV: HV Generation Intermittent	900	0	-0.493					0.186	
LDNO HV: HV Generation Non-Intermittent	901	0	-4.034	-0.379	-0.061			0.186	

	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 HVplus: Domestic Unrestricted		1	0.899			-0.31			
LDNO HVplus: Domestic Two Rate		2	0.985	0.054		-0.31			
LDNO HVplus: Domestic Off Peak (related MPAN)		2	0.082						
LDNO HVplus: Small Non Domestic Unrestricted		3	0.721			1.84			
LDNO HVplus: Small Non Domestic Two Rate		4	0.928	0.069		1.84			
LDNO HVplus: Small Non Domestic Off Peak (related MPAN)		4	0.085						
LDNO HVplus: LV Medium Non-Domestic		5-8	0.893	0.040		12.48			
LDNO HVplus: LV Sub Medium Non-Domestic		5-8	1.214	0.054		10.64			
LDNO HVplus: HV Medium Non-Domestic		5-8	1.129	0.044		74.17			
LDNO HVplus: LV HH Metered		0	4.244	0.408	0.029	2.65	0.72	0.147	0.72
LDNO HVplus: LV Sub HH Metered		0	5.055	0.485	0.032	2.90	1.26	0.194	1.26
LDNO HVplus: HV HH Metered		0	5.655	0.543	0.033	35.04	1.51	0.184	1.51
LDNO HVplus: NHH UMS category A		8	0.685						
LDNO HVplus: NHH UMS category B		1	0.785						
LDNO HVplus: NHH UMS category C		1	1.260						
LDNO HVplus: NHH UMS category D		1	0.606						
LDNO HVplus: LV UMS (Pseudo HH Metered)		0	11.380	0.682	0.212				
LDNO HVplus: LV Generation NHH		8	-0.308			0.00			
LDNO HVplus: LV Sub Generation NHH		8	-0.336			0.00			
LDNO HVplus: LV Generation Intermittent		0	-0.308			0.00		0.101	
LDNO HVplus: LV Generation Non-Intermittent		0	-2.522	-0.240	-0.035	0.00		0.101	
LDNO HVplus: LV Sub Generation Intermittent		0	-0.336			0.00		0.105	
LDNO HVplus: LV Sub Generation Non-Intermittent		0	-2.746	-0.261	-0.039	0.00		0.105	
LDNO HVplus: HV Generation Intermittent		0	-0.493			37.55		0.186	
LDNO HVplus: HV Generation Non-Intermittent		0	-4.034	-0.379	-0.061	37.55		0.186	

	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 EHV: Domestic Unrestricted		1	0.722			-0.52			
LDNO EHV: Domestic Two Rate		2	0.790	0.043		-0.52			
LDNO EHV: Domestic Off Peak (related MPAN)		2	0.066						
LDNO EHV: Small Non Domestic Unrestricted		3	0.579			1.48			
LDNO EHV: Small Non Domestic Two Rate		4	0.745	0.055		1.48			
LDNO EHV: Small Non Domestic Off Peak (related MPAN)		4	0.068						
LDNO EHV: LV Medium Non-Domestic		5-8	0.716	0.032		10.02			
LDNO EHV: LV Sub Medium Non-Domestic		5-8	0.974	0.043		8.54			
LDNO EHV: HV Medium Non-Domestic		5-8	0.906	0.036		59.52			
LDNO EHV: LV HH Metered		0	3.406	0.327	0.023	2.12	0.58	0.118	0.58
LDNO EHV: LV Sub HH Metered		0	4.057	0.389	0.026	2.32	1.01	0.156	1.01
LDNO EHV: HV HH Metered		0	4.539	0.436	0.026	28.12	1.21	0.148	1.21
LDNO EHV: NHH UMS category A		8	0.549						
LDNO EHV: NHH UMS category B		1	0.630						
LDNO EHV: NHH UMS category C		1	1.011						
LDNO EHV: NHH UMS category D		1	0.486						
LDNO EHV: LV UMS (Pseudo HH Metered)		0	9.133	0.548	0.170				
LDNO EHV: LV Generation NHH		8	-0.247			0.00			
LDNO EHV: LV Sub Generation NHH		8	-0.269			0.00			
LDNO EHV: LV Generation Intermittent		0	-0.247			0.00		0.081	
LDNO EHV: LV Generation Non-Intermittent		0	-2.024	-0.193	-0.028	0.00		0.081	
LDNO EHV: LV Sub Generation Intermittent		0	-0.269			0.00		0.084	
LDNO EHV: LV Sub Generation Non-Intermittent		0	-2.204	-0.209	-0.031	0.00		0.084	
LDNO EHV: HV Generation Intermittent		0	-0.396			30.14		0.149	
LDNO EHV: HV Generation Non-Intermittent		0	-3.237	-0.304	-0.049	30.14		0.149	

	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 132kV/EHV: Domestic Unrestricted		1	0.601			-0.66			
LDNO 132kV/EHV: Domestic Two Rate		2	0.659	0.036		-0.66			
LDNO 132kV/EHV: Domestic Off Peak (related MPAN)		2	0.055						
LDNO 132kV/EHV: Small Non Domestic Unrestricted		3	0.482			1.23			
LDNO 132kV/EHV: Small Non Domestic Two Rate		4	0.621	0.046		1.23			
LDNO 132kV/EHV: Small Non Domestic Off Peak (related MPAN)		4	0.057						
LDNO 132kV/EHV: LV Medium Non-Domestic		5-8	0.597	0.027		8.35			
LDNO 132kV/EHV: LV Sub Medium Non-Domestic		5-8	0.812	0.036		7.12			
LDNO 132kV/EHV: HV Medium Non-Domestic		5-8	0.755	0.030		49.60			
LDNO 132kV/EHV: LV HH Metered		0	2.838	0.273	0.019	1.77	0.48	0.098	0.48
LDNO 132kV/EHV: LV Sub HH Metered		0	3.380	0.324	0.021	1.94	0.84	0.130	0.84
LDNO 132kV/EHV: HV HH Metered		0	3.782	0.363	0.022	23.43	1.01	0.123	1.01
LDNO 132kV/EHV: NHH UMS category A		8	0.458						
LDNO 132kV/EHV: NHH UMS category B		1	0.525						
LDNO 132kV/EHV: NHH UMS category C		1	0.843						
LDNO 132kV/EHV: NHH UMS category D		1	0.405						
LDNO 132kV/EHV: LV UMS (Pseudo HH Metered)		0	7.610	0.456	0.142				
LDNO 132kV/EHV: LV Generation NHH		8	-0.206			0.00			
LDNO 132kV/EHV: LV Sub Generation NHH		8	-0.225			0.00			
LDNO 132kV/EHV: LV Generation Intermittent		0	-0.206			0.00		0.068	
LDNO 132kV/EHV: LV Generation Non-Intermittent		0	-1.687	-0.161	-0.023	0.00		0.068	
LDNO 132kV/EHV: LV Sub Generation Intermittent		0	-0.225			0.00		0.070	
LDNO 132kV/EHV: LV Sub Generation Non-Intermittent		0	-1.836	-0.175	-0.026	0.00		0.070	
LDNO 132kV/EHV: HV Generation Intermittent		0	-0.330			25.11		0.124	
LDNO 132kV/EHV: HV Generation Non-Intermittent		0	-2.698	-0.253	-0.041	25.11		0.124	

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

	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 132kV: Domestic Unrestricted		1	0.350			-0.96			
LDNO 132kV: Domestic Two Rate		2	0.383	0.021		-0.96			
LDNO 132kV: Domestic Off Peak (related MPAN)		2	0.032						
LDNO 132kV: Small Non Domestic Unrestricted		3	0.280			0.72			
LDNO 132kV: Small Non Domestic Two Rate		4	0.361	0.027		0.72			
LDNO 132kV: Small Non Domestic Off Peak (related MPAN)		4	0.033						
LDNO 132kV: LV Medium Non-Domestic		5-8	0.347	0.016		4.85			
LDNO 132kV: LV Sub Medium Non-Domestic		5-8	0.472	0.021		4.14			
LDNO 132kV: HV Medium Non-Domestic		5-8	0.439	0.017		28.83			
LDNO 132kV: LV HH Metered		0	1.649	0.159	0.011	1.03	0.28	0.057	0.28
LDNO 132kV: LV Sub HH Metered		0	1.965	0.189	0.012	1.13	0.49	0.075	0.49
LDNO 132kV: HV HH Metered		0	2.198	0.211	0.013	13.62	0.59	0.072	0.59
LDNO 132kV: NHH UMS category A		8	0.266						
LDNO 132kV: NHH UMS category B		1	0.305						
LDNO 132kV: NHH UMS category C		1	0.490						
LDNO 132kV: NHH UMS category D		1	0.236						
LDNO 132kV: LV UMS (Pseudo HH Metered)		0	4.423	0.265	0.082				
LDNO 132kV: LV Generation NHH		8	-0.120			0.00			
LDNO 132kV: LV Sub Generation NHH		8	-0.131			0.00			
LDNO 132kV: LV Generation Intermittent		0	-0.120			0.00		0.039	
LDNO 132kV: LV Generation Non-Intermittent		0	-0.980	-0.093	-0.014	0.00		0.039	
LDNO 132kV: LV Sub Generation Intermittent		0	-0.131			0.00		0.041	
LDNO 132kV: LV Sub Generation Non-Intermittent		0	-1.067	-0.101	-0.015	0.00		0.041	
LDNO 132kV: HV Generation Intermittent		0	-0.192			14.60		0.072	
LDNO 132kV: HV Generation Non-Intermittent		0	-1.568	-0.147	-0.024	14.60		0.072	

	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 0000: Domestic Unrestricted		1	0.100			-1.25			
LDNO 0000: Domestic Two Rate		2	0.109	0.006		-1.25			
LDNO 0000: Domestic Off Peak (related MPAN)		2	0.009						
LDNO 0000: Small Non Domestic Unrestricted		3	0.080			0.20			
LDNO 0000: Small Non Domestic Two Rate		4	0.103	0.008		0.20			
LDNO 0000: Small Non Domestic Off Peak (related MPAN)		4	0.009						
LDNO 0000: LV Medium Non-Domestic		5-8	0.099	0.004		1.39			
LDNO 0000: LV Sub Medium Non-Domestic		5-8	0.135	0.006		1.18			
LDNO 0000: HV Medium Non-Domestic		5-8	0.125	0.005		8.24			
LDNO 0000: LV HH Metered		0	0.471	0.045	0.003	0.29	0.08	0.016	0.08
LDNO 0000: LV Sub HH Metered		0	0.561	0.054	0.004	0.32	0.14	0.022	0.14
LDNO 0000: HV HH Metered		0	0.628	0.060	0.004	3.89	0.17	0.020	0.17
LDNO 0000: NHH UMS category A		8	0.076						
LDNO 0000: NHH UMS category B		1	0.087						
LDNO 0000: NHH UMS category C		1	0.140						
LDNO 0000: NHH UMS category D		1	0.067						
LDNO 0000: LV UMS (Pseudo HH Metered)		0	1.264	0.076	0.024				
LDNO 0000: LV Generation NHH		8	-0.034			0.00			
LDNO 0000: LV Sub Generation NHH		8	-0.037			0.00			
LDNO 0000: LV Generation Intermittent		0	-0.034			0.00		0.011	
LDNO 0000: LV Generation Non-Intermittent		0	-0.280	-0.027	-0.004	0.00		0.011	
LDNO 0000: LV Sub Generation Intermittent		0	-0.037			0.00		0.012	
LDNO 0000: LV Sub Generation Non-Intermittent		0	-0.305	-0.029	-0.004	0.00		0.012	
LDNO 0000: HV Generation Intermittent		0	-0.055			4.17		0.021	
LDNO 0000: HV Generation Non-Intermittent		0	-0.448	-0.042	-0.007	4.17		0.021	

Western Power Distribution (South Wales) plc - Effective From 1st April 2014 - Final LLF Time Periods				
Time periods	**Period 1**	**Period 2**	**Period 3**	**Period 4**
	Peak	**Winter**	**Night**	**Other**
Monday to Friday Mar to Oct			00:30 - 07:30	00:00 - 00:30 07:30 - 24:00
Monday to Friday Nov to Feb	16:00 – 19:00	07:30 – 16:00	00:30 - 07:30	00:00 - 00:30 19:00 - 24:00
Saturday and Sunday All Year			00:30 - 07:30	00:00 - 00:30 07:30 - 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	1.086	1.080	1.069	1.073	100, 101, 105, 106, 194, 200, 201, 294, 300, 603, 697, 700, 701, 718, 719, 720, 800, 801, 810, 811, 843, 860, 861, 862, 863
Low Voltage Substation	1.063	1.061	1.057	1.057	344, 602, 604, 717
High Voltage Network	1.047	1.044	1.034	1.039	400, 606, 698
High Voltage Substation	1.032	1.031	1.026	1.028	N/A
33kV connected	1.024	1.023	1.018	1.020	N/A
66kV connected	1.039	1.039	1.035	1.035	N/A
66/HV connected	1.049	1.048	1.045	1.044	N/A
132/33kV connected	1.015	1.014	1.013	1.013	N/A
132/66kV connected	1.015	1.014	1.012	1.013	N/A
132/HV connected	1.017	1.016	1.015	1.015	N/A
132kV connected	1.010	1.009	1.006	1.008	N/A

EHV site specific LLFs					
Demand					
Site	**Period 1**	**Period 2**	**Period 3**	**Period 4**	**Associated LLFC**
Corus Trostre	1.009	1.009	1.009	1.009	504
Corus Orb	1.005	1.005	1.005	1.005	505
ABB Cornelly	1.024	1.023	1.018	1.020	507
Bettws	1.010	1.009	1.006	1.008	508
Blaen Bowi	1.024	1.023	1.018	1.020	509
Alpha Steel	1.000	1.000	1.000	1.000	510
BOC Margam	1.001	1.001	1.001	1.001	511
Ford Bridgend	1.006	1.006	1.005	1.006	512
Alcoa	1.002	1.002	1.012	1.002	513
ASW Rod Mill	1.008	1.007	1.008	1.008	514
Total Fina Elf	1.019	1.019	1.020	1.020	515
PCC Texaco	1.004	1.004	1.004	1.004	517
Whitbread Magor	1.005	1.005	1.005	1.005	518
Mainline Pipelines	1.019	1.019	1.019	1.019	519
ASW 33kV	1.017	1.018	1.018	1.018	520
Tower	1.050	1.039	1.042	1.048	521
Blue Circle Cement	1.001	1.001	1.002	1.002	522
Ford Swansea	1.012	1.012	1.012	1.012	528
Inco	1.004	1.004	1.004	1.004	529
Swansea University	1.011	1.013	1.011	1.012	531
DCWW Nantgaredig	1.140	1.111	1.112	1.109	532
Fort James	1.017	1.017	1.017	1.017	533
BORDEN	1.005	1.005	1.005	1.005	534
SOLUTIA	1.006	1.006	1.006	1.006	535
Dow Corning	1.003	1.003	1.003	1.003	536
DCWW Rover Way	1.006	1.006	1.006	1.006	538
Simms Metals	1.002	1.002	1.002	1.002	539
Milford Energy Import	1.011	1.011	1.010	1.010	541
South Hook	1.013	1.013	1.012	1.012	542
Whitehead Works	1.006	1.006	1.005	1.006	544
FELINDRE	1.004	1.009	1.003	1.005	545
TIMET	1.004	1.004	1.005	1.005	546
Blaen Cregan	1.039	1.039	1.035	1.035	547
Blaengwen Wind Farm	1.010	1.009	1.006	1.008	548
Bryn Titli Wind Farm	1.039	1.039	1.035	1.035	549
Crymlin Burrows	1.007	1.007	1.007	1.007	571
Dyffryn Brodyn Wind Farm	1.024	1.023	1.018	1.020	572
Fochriw	1.024	1.023	1.018	1.020	573
Llyn Brianne	1.024	1.023	1.018	1.020	574
Maerdy	1.024	1.023	1.018	1.020	575
Margam Biomass	1.024	1.023	1.018	1.020	577
Newport Biomass	1.010	1.009	1.006	1.008	578
Pwllfa Watkin	1.024	1.023	1.018	1.020	579
Taff Ely Wind Farm	1.024	1.023	1.018	1.020	580
Trecatti	1.024	1.023	1.018	1.020	581
Withyhedges Landfill	1.024	1.023	1.018	1.020	582
Parc Cynog	1.024	1.023	1.018	1.020	583
Parc Cynog (Pendine)	1.024	1.023	1.018	1.020	584
Maesgwyn	1.010	1.009	1.006	1.008	585
Ferndale	1.024	1.023	1.018	1.020	586
Pant y Wal WF	1.039	1.039	1.035	1.035	587
Mynydd Portref	1.024	1.023	1.018	1.020	588
Newton Down	1.024	1.023	1.018	1.020	589
Rose Cottage PV	1.010	1.009	1.006	1.008	590

Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Thyssenkruup Camford Pressing	1.032	1.031	1.026	1.028	593
Hoover	1.032	1.031	1.026	1.028	594
University Hospital of Wales	1.032	1.031	1.026	1.028	620
MOD Qinetiq	1.032	1.031	1.026	1.028	622
Western Coal	1.024	1.023	1.018	1.020	623
Tregaron	1.032	1.031	1.026	1.028	625
Green Frog STOR W/lwydd	1.024	1.023	1.018	1.020	627
Briton Ferry STOR	1.024	1.023	1.018	1.020	628
Hirwaun STOR	1.024	1.023	1.018	1.020	629
Ffos Las PV	1.024	1.023	1.018	1.020	631
Pont Andrew PV	1.024	1.023	1.018	1.020	632
Tata Margam Grange	1.001	1.001	1.001	1.001	880
Tata Margam CefnG	1.001	1.001	1.001	1.001	881
Tir John STOR	1.024	1.023	1.018	1.020	882
Wear Point WF	1.024	1.023	1.018	1.020	883
West Farm PV	1.024	1.023	1.018	1.020	884
Jordanston Farm PV	1.024	1.023	1.018	1.020	885
Rudbaxton PV	1.024	1.023	1.018	1.020	886
Wogaston Farm PV	1.024	1.023	1.018	1.020	887
Dowlais STOR	1.024	1.023	1.018	1.020	888
Hoplass Farm PV	1.024	1.023	1.018	1.020	889
Trident Park Recovery	1.024	1.023	1.018	1.020	890
Baglan Bay PV	1.024	1.023	1.018	1.020	891
Caermelyn PV	1.024	1.023	1.018	1.020	892
Liddlestone Ridge PV	1.024	1.023	1.018	1.020	893
Garn Farm PV	1.024	1.023	1.018	1.020	894
Llandarcy STOR	1.024	1.023	1.018	1.020	895
Centrica Barry Standby	1.047	1.044	1.034	1.039	7055
Aberaman	1.024	1.023	1.018	1.020	tba
Abergelli Farm	1.024	1.023	1.018	1.020	tba
Barry STOR	1.024	1.023	1.018	1.020	tba
Bedlinog	1.024	1.023	1.018	1.020	tba
Berthllwyd Farm	1.024	1.023	1.018	1.020	tba
Bryn Cyrnau Isaf	1.024	1.023	1.018	1.020	tba
Brynteg Farm	1.024	1.023	1.018	1.020	tba
Cefn Betingau	1.024	1.023	1.018	1.020	tba
Clawdd Du 33kv	1.024	1.023	1.018	1.020	tba
Clungwyn	1.024	1.023	1.018	1.020	tba
Crugmore Farm	1.024	1.023	1.018	1.020	tba
Dafen Park	1.032	1.031	1.026	1.028	tba
Fenton Farm	1.024	1.023	1.018	1.020	tba
Hafod y Dafal	1.024	1.023	1.018	1.020	tba
Hendai Farm	1.024	1.023	1.018	1.020	tba
Hendre Fawr Farm	1.024	1.023	1.018	1.020	tba
Jesus College	1.024	1.023	1.018	1.020	tba
Langton Farm	1.032	1.031	1.026	1.028	tba
Llwynddu	1.024	1.023	1.018	1.020	tba
Loughor Farm	1.024	1.023	1.018	1.020	897
Lower House Farm	1.039	1.039	1.035	1.035	tba
North Tenement	1.024	1.023	1.018	1.020	tba
Pantymoch	1.024	1.023	1.018	1.020	tba
Penderi	1.010	1.009	1.006	1.008	tba
Penllwyngwyn Farm	1.024	1.023	1.018	1.020	tba
Penrhin	1.024	1.023	1.018	1.020	tba
Pentre Farm	1.024	1.023	1.018	1.020	tba
Penycae	1.024	1.023	1.018	1.020	tba
Penycraig	1.024	1.023	1.018	1.020	tba
Saron	1.024	1.023	1.018	1.020	tba
St Brides	1.024	1.023	1.018	1.020	tba
Suttton Farm	1.024	1.023	1.018	1.020	898
Tonypandy STOR	1.024	1.023	1.018	1.020	tba
Treguff	1.024	1.023	1.018	1.020	896
Whiston	1.024	1.023	1.018	1.020	tba
Whitton Mawr	1.024	1.023	1.018	1.020	tba
Yerbeston Gate	1.024	1.023	1.018	1.020	tba

EHV sites specific LLFs					
Generation					
Site	**Period 1**	**Period 2**	**Period 3**	**Period 4**	**Associated LLFC**
Llynfi Biomass	1.010	1.009	1.006	1.008	591
Trostrey Court	1.049	1.048	1.045	1.044	592
Tata Margam CefnG Export	1.001	1.009	1.006	1.008	601
Solutia Export	1.017	1.016	1.015	1.015	617
Total Fina Elf Export	1.026	1.026	1.026	1.026	618
Whitbread Magor Export	1.006	1.006	1.007	1.007	619
Tower Export	1.024	1.023	1.018	1.020	621
Fort James Export	1.024	1.023	1.018	1.020	633
Dow Corning Export	1.003	1.003	1.003	1.003	636
Pont Andrew PV Export	1.024	1.023	1.018	1.020	642
Ffos Las PV Export	1.024	1.023	1.018	1.020	643
Hirwaun STOR Export	1.024	1.023	1.018	1.020	644
Briton Ferry STOR Export	1.024	1.023	1.018	1.020	645
Green Frog STOR W/lwydd Export	1.024	1.023	1.018	1.020	646
Trostrey Court Export	1.049	1.048	1.045	1.044	647
Llynfi Biomass Export	1.010	1.009	1.006	1.008	648
Rose Cottage PV Export	1.010	1.009	1.006	1.008	649
Taff Ely Wind Farm Export	1.030	1.030	1.031	1.031	650
Bryn Titli Wind Farm Export	1.137	1.138	1.139	1.139	651
Dyffryn Brodin Wind Farm Exp	1.144	1.143	1.143	1.146	652
Llyn Brianne Export	1.131	1.131	1.145	1.148	653
Tregaron Export	1.032	1.031	1.026	1.028	658
Parc Cynog Export	1.121	1.121	1.119	1.119	659

Annex 5 – Schedule of Line Loss Factors

Site	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Blaen Bowi Export	1.129	1.126	1.130	1.130	660
MARGAM BIOMASS Export	0.997	0.997	0.997	0.998	661
Trecatti Export	1.042	1.041	1.041	1.042	662
Blaen Cregan Wind Farm Export	1.009	1.009	1.011	1.012	663
ABB Cornelly Export	1.019	1.021	1.019	1.021	664
Crymlin Burrows Export	1.026	1.026	1.026	1.026	665
Withyhedges Landfill Export	1.056	1.057	1.057	1.057	666
Parc Cynog (Pendine)	1.067	1.069	1.070	1.070	667
BLAENGWEN WIND FARM EXPORT	1.049	1.050	1.051	1.051	668
Pwllfa Watkin Export	1.032	1.034	1.032	1.032	670
Bettws Export	1.010	1.009	1.006	1.008	674
Fochriw EHV Export	1.024	1.023	1.018	1.020	675
Maerdy Export	1.024	1.023	1.018	1.020	676
Newport Biomass Export	1.010	1.009	1.006	1.008	677
Milford Energy Export	1.016	1.017	1.017	1.017	678
Ferndale Export	1.039	1.039	1.040	1.040	679
Maesgwyn Export	1.016	1.016	1.016	1.016	684
Pant y Wal WF Export	1.039	1.039	1.035	1.035	685
Mynydd Portref Export	1.024	1.023	1.018	1.020	686
Newton Down Export	1.024	1.023	1.018	1.020	687
Tata Margam Grange Export	1.039	1.039	1.035	1.035	788
Tir John STOR Export	1.024	1.023	1.018	1.020	790
West Farm PV Export	1.024	1.023	1.018	1.020	791
Jordanston Farm PV Export	1.024	1.023	1.018	1.020	792
Rudbaxton PV Export	1.024	1.023	1.018	1.020	793
Wear Point WF Export	1.024	1.023	1.018	1.020	940
Wogaston Farm PV Export	1.024	1.023	1.018	1.020	941
Dowlais STOR Export	1.024	1.023	1.018	1.020	942
Hoplass Parm PV Export	1.024	1.023	1.018	1.020	943
Trident Park Recovery Export	1.024	1.023	1.018	1.020	944
Baglan Bay PV Exports	1.024	1.023	1.018	1.020	945
Caermelyn PV Exports	1.024	1.023	1.018	1.020	946
Liddlestone Ridge PV Exports	1.024	1.023	1.018	1.020	947
Garn Farm PV Export	1.024	1.023	1.018	1.020	948
Llandarcy STOR Export	1.024	1.023	1.018	1.020	949
Centrica Barry Export	0.997	0.997	0.998	0.997	7051
District Energy Solutia	1.005	1.005	1.006	1.005	7159
District Energy Aberdare	1.018	1.020	1.023	1.019	7163
Aberaman	1.024	1.023	1.018	1.020	tba
Abergelli Farm	1.024	1.023	1.018	1.020	tba
Barry STOR	1.024	1.023	1.018	1.020	tba
Bedlinog	1.024	1.023	1.018	1.020	tba
Berthllwyd Farm	1.024	1.023	1.018	1.020	tba
Bryn Cyrnau Isaf	1.024	1.023	1.018	1.020	tba
Brynteg Farm	1.024	1.023	1.018	1.020	tba
Cefn Betingau	1.024	1.023	1.018	1.020	tba
Clawdd Du 33kv	1.024	1.023	1.018	1.020	tba
Clungwyn	1.024	1.023	1.018	1.020	tba
Crugmore Farm	1.024	1.023	1.018	1.020	tba
Dafen Park	1.032	1.031	1.026	1.028	tba
Fenton Farm	1.024	1.023	1.018	1.020	tba
Hafod y Dafal	1.024	1.023	1.018	1.020	tba
Hendai Farm	1.024	1.023	1.018	1.020	tba
Hendre Fawr Farm	1.024	1.023	1.018	1.020	tba
Jesus College	1.024	1.023	1.018	1.020	tba
Langton Farm	1.032	1.031	1.026	1.028	tba
Llwynddu	1.024	1.023	1.018	1.020	tba
Loughor Farm	1.024	1.023	1.018	1.020	951
Lower House Farm	1.039	1.039	1.035	1.035	tba
North Tenement	1.024	1.023	1.018	1.020	tba
Pantymoch	1.024	1.023	1.018	1.020	tba
Penderi	1.010	1.009	1.006	1.008	tba
Penllwyngwyn Farm	1.024	1.023	1.018	1.020	tba
Penrhin	1.024	1.023	1.018	1.020	tba
Pentre Farm	1.024	1.023	1.018	1.020	tba
Penycae	1.024	1.023	1.018	1.020	tba
Penycraig	1.024	1.023	1.018	1.020	tba
Saron	1.024	1.023	1.018	1.020	tba
St Brides	1.024	1.023	1.018	1.020	tba
Suttton Farm	1.024	1.023	1.018	1.020	952
Tonypandy STOR	1.024	1.023	1.018	1.020	tba
Treguff	1.024	1.023	1.018	1.020	950
Whiston	1.024	1.023	1.018	1.020	tba
Whitton Mawr	1.024	1.023	1.018	1.020	tba
Yerbeston Gate	1.024	1.023	1.018	1.020	tba

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

Western Power Distribution (South Wales) plc - Effective from 1 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
EDCM import 1			EDCM export 1											
EDCM import 2			EDCM export 2											
EDCM import 3			EDCM export 3											
EDCM import 4			EDCM export 4											
EDCM import 5			EDCM export 5											
EDCM import 6			EDCM export 6											
EDCM import 7			EDCM export 7											
EDCM import 8			EDCM export 8											
EDCM import 9			EDCM export 9											
EDCM import 10			EDCM export 10											

Western Power Distribution (South Wales) plc - Effective from 1 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
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.