WESTERN POWER DISTRIBUTION

Serving the Midlands, South West and Wales

Statement of Charges for Use of Western Power Distribution (West Midlands) plc's Electricity Distribution System

October 2011

WESTERN POWER DISTRIBUTION (WEST MIDLANDS) PLC
REGISTERED NO: 2366923
REGISTERED OFFICE:
AVONBANK, FEEDER ROAD, BRISTOL BS2 0TB
Price: £5.00 plus VAT

Contents

1. Introduction

1.1. This statement has been prepared in order to discharge Western Power Distribution (West Midlands) plc's WPD's obligation under Standard Licence Condition 14 of our Distribution Licence. It contains information on our tariffs for Demand Use of System, Generation Use of System and Embedded Networks. It also contains information on our charging principles and our Loss Adjustment Factors.

1.2. If you have any questions about this statement please contact us at the address shown below:

Jane Griffith
Tariff and Income Team
Western Power Distribution
Herald Way
Pegasus Business Park
Castle Donnington
DE74 2TU

Email: jane.griffith@central-networks.co.uk

1.3. All enquiries regarding Connection Agreements and Changes to Maximum Capacities should be addressed to:

Lifetime Connections Team
Western Power Distribution
Herald Way
Pegasus Business Park
Castle Donington
DE74 2TU

Email: ascquery@central-networks.co.uk

1.4. For all other queries please contact our general enquiries telephone number: 0800 096 3080, lines are open 08:30 to 17:00 Monday to Friday.

2. Tariff Application and Charging Definitions

Billing and Payment by Settlement Class (Supercustomer)

2.1. The Supercustomer approach to Non-Half Hourly (NHH) Use of System billing makes use of the way that Supplier's energy settlements are calculated. Supercustomer tariffs are generally billed through two main charging components, which are fixed charges and unit charges. The charges are based on the following tariff components:

- A fixed charge pence/site/day, there will only be one fixed charge applied to each Metering Point Administration Number (MPAN) in respect of which you are registered; and

- Unit charges pence/kilowatt-hour (kWh), based on the active import registers as provided by the Metering System on site. More than one kWh charge will be applied to those tariffs that are classed as multi-rate.

2.2. Invoices are calculated on a periodic basis and sent to each supplier, for whom WPD is delivering supplies of electricity through its distribution system. The tariffs are applied on the basis of the LLFCs registered to the 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 TPRs associated to the settlement class. All LLFCs are assigned at the sole discretion of WPD. The charges in this document are shown exclusive of VAT. Invoices take account of previous reconciliation runs and include VAT.

2.3. Reconciliation is the process that ensures the cash positions of suppliers and WPD are continually corrected to reflect later and more accurate consumption figures.

2.4. The tables within this document relating to NHH Supercustomer billed tariffs are:

- Table 1 for Profile Classes 1 and 2;
- Table 2 for Profile Classes 3 and 4;
- Table 3 for Profile Classes 5 to 8;

- Table 6 for Unmetered Supplies (NHH); and
- Table 7 for Preserved LLFCs.

2.5. Where an MPAN has an invalid Profile Class and Voltage combination, the Domestic Unrestricted tariff will be applied as a default until the invalid combination is corrected.

Site-Specific Billing and Payment

2.6. These charges apply to exit points where Half-Hourly (HH) metering is installed. Invoices for half-hourly metered sites may include the following elements:-

- A fixed charge pence/site/day;
- A capacity charge, pence/kVA/day, for agreed maximum import capacity;
- An excess capacity charge, if a site exceeds its maximum import capacity (MIC);
- Unit charges, pence/kWh, for transport of electricity over the system; and
- An excess reactive power charge.

2.7. The tables within this document that relate to site specific billed tariffs are:

- Table 4 for HH metered High Voltage (HV) and Low Voltage (LV);
- Table 5 for HH metered Extra High Voltage (EHV);
- Table 6 for Unmetered supplies (Pseudo HH); and
- Table 7 for Preserved/Additional LLFCs.

Extra High Voltage (EHV) supplies

2.8. Designated EHV Properties are allocated Site Specific DUoS tariffs. These properties are defined in paragraph 11 of Standard Condition 50A (Development and implementation of an EHV Distribution Charging Methodology) of the Electricity Distribution Licence as any of the following:

2.8.1. Distribution Systems connected to assets on the licensee's Distribution System at a voltage level of 22 kilovolts or more;

2.8.2. premises connected to assets on the licensee's Distribution System at a voltage level of 22 kilovolts or more; and

2.8.3. premises which do not fall within sub-paragraph (2.8.2) but which at 1 April 2010 were excluded from the Common Distribution Charging Methodology by virtue of paragraph 10 of standard condition 50 (Development and implementation of Common Distribution Charging Methodology).

Unmetered Supplies

2.9. These charges are available to supplies which WPD deems to be suitable as Unmetered Supplies. In line with The Electricity (Unmetered Supply) Regulations we may only consider providing an unmetered supply where:

2.9.1. there is a known, predictable load which is either continuous or controlled in a manner approved by WPD, and

2.9.2. the load is less than 500W or it is financially or technically impractical to install meters or carry out meter reading.

2.10. Supplies where consumption is dependent on some factor, temperature for example, or where the load could be easily increased without the knowledge of WPD will not normally be allowed to be connected without a meter.

2.11. The privilege of being connected without a meter is conditional on the customer providing and maintaining an accurate, detailed and auditable inventory.

Capacity Charges (demand)

Chargeable Capacity

2.12. The standard charge will be a site's Maximum Import Capacity (MIC) multiplied by a pence kVA per day rate.

2.13. The chargeable capacity is, for each billing period, the highest of the MIC or the actual capacity.

Maximum Import Capacity

2.14. The MIC will be charged in pence/kVA/day on a site basis.

2.15. The level of MIC will be agreed at the time of connection and when an increase has been approved. Following such an agreement (be it at the time of

connection or an increase) no reduction in MIC will be allowed for a period of one year.

2.16. Reductions to the MIC may only be permitted once in a 12 month period and no retrospective changes will be allowed. Where MIC is reduced the new lower level will be agreed with reference to the level of the customers' 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 cost.

2.17. For embedded connections, if capacity ramping has been agreed with WPD, in accordance with our connection charging methodology, the phasing profile will apply instead of the above rules. Where a phasing of capacity is agreed this will be captured in the bilateral connection agreement with WPD.

Standby Capacity for Additional Security on Site

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

Exceeded Capacity

2.19. Where a customer takes additional capacity over and above the MIC without authorisation, the excess will be classed as exceeded capacity. The exceeded portion of the capacity will be charged at the same p/kVA/day rate, based on the difference between the MIC and the actual capacity. This will be charged for the duration of the full month in which the breach occurs.

Minimum Capacity Levels

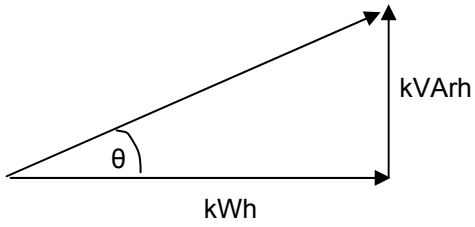
2.20. There is no minimum capacity threshold.

Import Reactive Power Charge

2.21. The excess reactive power charge applies when a site's reactive power (measured in kVArh) exceeds 33% of total active power (measured in kWh) in any half-hourly period. 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 tariff.

2.22. Power Factor is calculated as follows:

Cos θ = Power Factor



2.23. The chargeable reactive power is calculated as follows:

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

Where:

AI = Active Import in kWh

RI = Reactive Import in kVArh

RE = Reactive Export in kVArh

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

2.25. Only kVArh Import and KVArh Export values occuring at times of kWh Import are used.

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

Generation Billing and Payment by Settlement Class

2.27. Use of System charges for NHH Low Voltage (LV and LVS) generation tariffs will be billed via Supercustomer.

2.28. The structure of NHH generation charges will be as follows:

- A fixed charge pence/MPAN/day; and
- Unit charges pence/kWh for transport of electricity over the system

2.29. Details of our charges for NHH Generation can be found in Table 8a.

Generation Site Specific Billing and Payment

2.30. Use of System charges for half-hourly Low Voltage (LV) and High Voltage (HV) generation tariffs will be billed via the HH billing system.

2.31. The structure of half-hourly generation charges will be as follows:

- A fixed charge pence/per MPAN/day;
- Export capacity charge pence/KVA/day
- Unit charges pence/per kWh for transport of electricity over the system; and
- An excess reactive power charge.

2.32. Details of our charges for half-hourly Generation can be found in Table 8b.

Capacity Charges (Export) for EHV Designated Properties

Chargeable Capacity

2.33. The standard charge will be a site's Maximum Export Capacity (MEC) multiplied by a pence kVA per day rate.

2.34. The chargeable capacity is, for each billing period, the highest of the MEC or the actual capacity.

Maximum Export Capacity

2.35. The MEC will be charged in pence/kVA/day on a site basis.

2.36. The level of MEC will be agreed at the time of connection and when an increase has been approved. Following such an agreement (be it at the time of connection or an increase) no reduction in MEC will be allowed for a period of one year.

2.37. Reductions to the MEC may only be permitted once in a 12 month period and no retrospective changes will be allowed. Where MEC is reduced the new lower level will be agreed with reference to the level of the customers' maximum export. 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 cost.

Exceeded Capacity

2.38. Where a customer takes additional capacity over and above the MEC without authorisation, the excess will be classed as exceeded capacity. The exceeded portion of the capacity will be charged at the same pence/kVA/day rate, based on the difference between the MEC and the actual capacity. This will be charged for the duration of the full month in which the breach occurs.

Minimum Capacity Levels

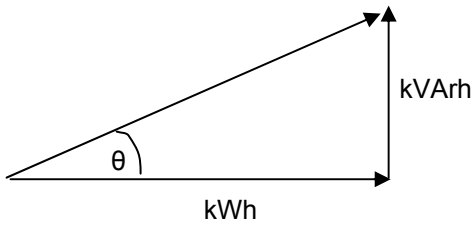
2.39. There is no minimum capacity threshold.

Generation Reactive Power Charge

2.40. The excess reactive power charge applies when a site's reactive power (measured in kVArh) exceeds 33% of total active power (measured in kWh) in any half-hourly period. 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 for at the rate appropriate to the particular tariff.

2.41. Power Factor is calculated as follows:

Cos θ = Power Factor



2.42. The chargeable reactive power is calculated as follows:

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

Where:

AE = Active Export in kWh

RI = Reactive Import in kVArh

RE = Reactive Export in kVArh

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

2.44. Only kVArh Import and KVArh Export values occurring at times of kWh Export are used.

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

Generation connected at EHV

2.46. Charges for EHV connected generation will be site specific.

Provision of billing data

2.47. Where HH metering data is required for Use of System charging and this is not provided through settlements processes, such metering data shall be provided by the user of the system to WPD in respect of each calendar month within 5 working days of the end of that calendar month. The metering data shall identify the amount consumed in each half hour of each day in the charging period and shall separately identify active and reactive import and export. Metering data provided to the company 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/D0275 MRA data flow (as agreed with WPD). All metering data should be sent to WPD via DRAFTS.

2.48. WPD requires reactive consumption or production to be provided for all measurement Class C and D (mandatory half-hourly metered) sites and for measurement Class E (elective half-hourly metered sites). WPD reserves the right to levy a charge on suppliers who fail to provide such reactive data after a reasonable period of notice.

Licensed Distributor Network Operator (LDNO) tariffs

2.49. LDNO tariffs have been calculated for use by LDNOs **only** to reflect the displacement of the upstream DNO distribution costs and are not available for

DNO to DNO inter-connectors, connections to other offshore transmission networks or other similar connections. Use of System Charges for inter-connectors, offshore transmission connections or other similar connections will be based on the appropriate standard tariffs.

3. Schedule of Demand Tariffs

Tariffs for Profile Classes 1 & 2

3.1. Suppliers who wish to supply electricity to customers with non-half hourly metered Measurement Class A MPANs on Profile Classes 1 or 2 may adopt one of the charge structures set out in the table below.

3.2. Valid combinations for these Line Loss Factor Classes (LLFCs) are detailed in Market Domain Data (MDD).

Table 1 – NHH Tariffs for Profile Classes 1 & 2

Description	LLFC	Profile class	Fixed charge (p/MPAN/day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Domestic Unrestricted	1	1	3.67	1.710	
Domestic Two Rate	4	2	3.67	1.976	0.066
Domestic Off-Peak (Related MPAN)	34	2		0.187	

Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.
	The Domestic and Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.
	Tariffs for Profile Classes 1 and 2 are for domestic premises only. These LLFs cannot be used for Residential Business Purposes, such as boarding houses, hotels, homes for children and the elderly, farms, communal areas of blocks of flats, or residential car parks. Residential Businesses will be charged on our Small Non-Domestic tariffs.

Tariffs for Profile Classes 3 & 4

3.3. Suppliers who wish to supply electricity to customers with non-half hourly metered Measurement Class A MPANs on Profile Classes 3 or 4 may adopt one of the charge structures set out in the table below.

3.4. Valid combinations for these tariffs are detailed in MDD.

Table 2 – NHH Tariffs for Profile Classes 3 & 4

Description	LLFC	Profile class	Fixed charge (p/MPAN/day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Small Non-Domestic Unrestricted	7	3	4.71	1.516	
Small Non-Domestic Two Rate	10	4	4.71	1.654	0.056
Small Non-Domestic Off peak (Related MPAN)	40	4		0.292	

Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.
	The Domestic and Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.
	These charges are applicable to small non-domestic exit points, connected at low voltage, and not normally exceeding 50kVA.

Tariffs for Profile Classes 5-8

3.5. Suppliers who wish to supply electricity to customers with non-half hourly metered Measurement Class A MPANs on Profile Classes 5 to 8 may adopt one of the charge structures set out in the table below.

3.6. Valid combinations for these tariffs are detailed in MDD.

Table 3 – NHH Tariffs for Profile Classes 5 to 8

Description	LLFC	Profile class	Fixed charge (p/MPAN/day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
LV Medium Non-Domestic	21	5 to 8	27.87	1.527	0.051
LV Sub Medium Non-Domestic	19	5 to 8	7.57	1.097	0.037

Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.
	LV Sub applies to customers connected to the licensee's distribution system at a voltage of less than 1 kV at a substation with a primary voltage (the highest operating voltage present at the substation) of at least 1 kV and less than 22 kV, where the current transformer used for the customer's settlement metering is located at the substation. LV substation tariffs will be applied for new customers from 1 April 2010.
	Generally these sites will have an ASC more than 50kVA but less than 115kVA.
	These sites, although billed through supercustomer on the basis of a standing charge and kWh, have formally agreed capacity or maximum demand limits incorporated in their connection agreements. The actual maximum demand of these sites will be reviewed periodically to ensure it conforms to the agreements. Where sites are found to exceed their capacity limits, consumers will be requested to change their usage or pay for extra network capacity.

Tariffs for Half-Hourly Metered LV and HV

3.7. Suppliers who wish to supply electricity to customers whose supplies are HH metered Measurement Class C or E may adopt one of the charge structures dependent upon the voltage at which the customer is connected to the system. The charge for the Use of System will be the sum of the charges set out in the table below.

Table 4 – Tariffs for HH metered LV & HV

Description	LLFC	Fixed charge (p/site/ day)	Capacity charge (p/kVA/ day)	Excess capacity charge (p/kVA/ day)	Red unit charge (p/kWh)	Amber unit charge (p/kWh)	Green unit charge (p/kWh)	Excess reactive power charge (p/kVArh)
LV	127	7.57	2.64	2.64	6.892	0.709	0.046	0.319
LV Sub	128	7.57	3.60	3.60	4.496	0.395	0.030	0.260
HV	365	76.11	4.22	4.22	3.917	0.275	0.023	0.161
HV Sub	366	76.11	3.67	3.67	4.029	0.288	0.028	0.193
LV Multi-MPAN	129	7.57	2.64	2.64	6.892	0.709	0.046	0.319
HV Multi-MPAN	367	76.11	4.22	4.22	3.917	0.275	0.023	0.161
Inco Alloys	724	76.11	4.22	4.22	3.917	0.275	0.023	0.161
Rover Longbridge	727	76.11	4.22	4.22	3.917	0.275	0.023	0.161

Notes:	Time Periods Red unit charges apply 16.00 to 19.00 hours, Mon to Fri including Bank Holidays Amber unit charges apply 07.30 to 16.00, and 19.00 to 21.00 hours, Mon to Fri including Bank Holidays Green unit charges apply 00.00 to 07.30 and 21.00 to 24.00, Mon to Fri including Bank Holidays, and all day Sat and Sun All times are UK clock-time.
	Fixed charges are levied on a pence per site basis. Where two or more half-hourly import MPANs are located at the same point of connection, with the same LLFC, and registered to the same supplier, only one daily fixed charge will be applied.
	LV Sub applies to customers connected to the licensee's distribution system at a voltage of less than 1 kV at a substation with a primary voltage (the highest operating voltage present at the substation) of at least 1 kV and less than 22 kV, where the current transformer used for the customer's settlement metering is located at the substation. This will be available for new customers from 1 April 2010.
	HV Sub applies to customers connected to the licensee's distribution system at a voltage of at least 1 kV and less than 22 kV at a substation with a primary voltage (the highest operating voltage present at the substation) of at least 22 kV and less

	than 66 kV, where the current transformer used for the customer's settlement metering or for metering used in the calculation of the customer's use of system charges or credits is located at the substation. This will be available for new customers from 1 April 2010.
	IMI Kynoch (previously LLFC 723), Avon PDC (Previously LLFC 725), Cadbury (previously LLFC 726), NEC (previously 728) and Packington (previously LLFC 729) have been moved to LLFC 365, as it has been discovered that they are HV network rather than HV Sub customers.

Tariffs for Half-Hourly Metered EHV

3.8. The following charges are calculated using Western Power Distribution EHV charging methodology and are applied on a site specific basis.

Table 5 – Site-Specific tariffs for HH metered EHV

Description	LLFC	Fixed charge (p/site/ day)	Capacity charge (p/kVA/ day)	Excess capacity charge (p/kVA/ day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)	Excess reactive power charge (p/kVArh)	MPAN
Tyseley Waste Import	702	509.00	2.20	2.20	0.170	0.100	0.100	1423197100003
Takao Europe	704	509.00	3.18	3.18	0.080	0.050	0.100	1423674500009
BMW	705	405.00	1.34	1.34	0.029	0.028		1411677803001 1415677803009 1416677803000 1417677803002
NG Transco Peterstow	706	509.00	2.20	2.20	0.170	0.100	0.100	1418446091006
Uni of Birmingham Import	707	509.00	2.20	2.20	0.170	0.100	0.100	1430000001342 1430000001351
Wyelands STW Import	709	509.00	3.18	3.18	0.080	0.050	0.100	1426644200003
Wolverhampton WS Import	710	509.00	3.18	3.18	0.080	0.050	0.100	1425993500002
Stoke CHP Import	711	509.00	3.18	3.18	0.080	0.050	0.100	1421696500001 1430000000906
WBB Minerals	712	509.00	3.18	3.18	0.080	0.050	0.100	1428483000001 1429586500003
Cauldon Cement	713	509.00	3.18	3.18	0.080	0.050	0.100	1422804000005
Abson Gas Compressor Station	714	509.00	3.18	3.18	0.080	0.050	0.100	1412791203000
Ervin Amasteel	715	509.00	3.18	3.18	0.080	0.050	0.100	1422108000000
Hanford Waste Services Import	716	509.00	3.18	3.18	0.080	0.050	0.100	1426793500003
NR Kidsgrove Import	717	509.00	2.30	2.30	0.060	0.040	0.100	1422664500000 1425861000001

Table 5 – Site-Specific tariffs for HH metered EHV								
Description	**LLFC**	**Fixed charge (p/site/ day)**	**Capacity charge (p/kVA/ day)**	**Excess capacity charge (p/kVA/ day)**	**Day unit charge (p/kWh)**	**Night unit charge (p/kWh)**	**Excess reactive power charge (p/kVArh)**	**MPAN**
NR Stafford Import	718	509.00	2.30	2.30	0.060	0.040	0.100	1421664500008 1426342000002
NR Washwood Heath Import	719	509.00	2.30	2.30	0.060	0.040	0.100	1423124100000 1428564500005
NR Winson Green Import	720	509.00	2.30	2.30	0.060	0.040	0.100	1420286500000
NR Smethwick Import	721	509.00	2.30	2.30	0.060	0.040	0.100	1423566000006
NR Willenhall Import	722	509.00	2.30	2.30	0.060	0.040	0.100	1424136000004
Heartlands Power (Tariff Code 800)	N/A	509.00	2.20	2.20	0.170	0.100	0.100	No MPAN
Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.							

Unmetered Non-Half Hourly and Pseudo Half-Hourly Tariffs

3.9. Suppliers who wish to supply electricity to customers where a non-half hourly unmetered Measurement Class B or pseudo HH supply is provided will adopt one of the charge structures in the table below.

Table 6 – Tariffs for NHH and Pseudo HH unmetered				
Description	**LLFC**	**Red or Unrestricted unit charge (p/kWh)**	**Amber unit charge (p/kWh)**	**Green unit charge (p/kWh)**
NHH UMS	85	2.170		
NHH UMS	86	2.170		
NHH UMS	87	2.170		
NHH UMS	88	2.170		
NHH UMS	95	2.170		

Table 6 – Tariffs for NHH and Pseudo HH unmetered					
Description		**LLFC**	**Red or Unrestricted unit charge (p/kWh)**	**Amber unit charge (p/kWh)**	**Green unit charge (p/kWh)**
NHH UMS		96	2.170		
NHH UMS		97	2.170		
NHH UMS		98	2.170		
LV UMS (Pseudo HH Metered)		99	21.582	2.932	0.609
Notes:	The above charges do not include any meter administration fees for pseudo metering, required for the operation of the Balancing and Settlement Code, or any alternative agreement or Code, in accordance with the "Unmetered Supplies Procedure" – BSCP 520.				
	Time Periods Red unit charges apply 16.00 to 19.00 hours, Mon to Fri including Bank Holidays Amber unit charges apply 07.30 to 16.00, and 19.00 to 21.00 hours, Mon to Fri including Bank Holidays Green unit charges apply 00.00 to 07.30 and 21.00 to 24.00, Mon to Fri including Bank Holidays, and all day Sat and Sun All times are UK clock-time.				
	Unmetered connections are provided subject to the customer signing a connection agreement and providing and maintaining an accurate, detailed inventory of all items connected. Western Power Distribution can then issue an Unmetered Supply Certificate for electricity trading purposes.				
	Where the inventory is not satisfactory to Western Power Distribution a Provisional Certificate may be issued based on the best information available. Western Power Distribution will review the number and nature of issued Provisional Certificates with a view to increasing the estimated annual consumption (EAC) in line with deemed growth. Provisional Certificates will not normally be issued for new unmetered connections.				

Use of System Charges Out of Area

3.1. WPD does not operate out of its distribution service area.

Preserved/Additional LLFC Classes

3.2. The tables below list any preserved tariffs that are valid at this time. Preserved tariffs are closed to new customers. Customers will be migrated to the corresponding open tariff over time. This information applies to both NHH MPANs registered as Profile Class 1 to 8 (Table 7a) and HH tariffs (Table 7b).

Table 7a – NHH Preserved Tariffs/Additional LLFC Classes					
Description	**LLFC**	**Profile class**	**Fixed charge (p/MPAN/day)**	**Day or Unrestricted unit charge (p/kWh)**	**Night unit charge (p/kWh)**
Domestic Prepayment Unrestricted	2	1	3.67	1.710	
Domestic Prepayment Unrestricted	3	1	3.67	1.710	
Domestic Prepayment Two Rate	5	2	3.67	1.976	0.066
Domestic Prepayment Two Rate	6	2	3.67	1.976	0.066
Commercial Unrestricted	8	3	4.71	1.516	
Commercial Unrestricted	9	3	4.71	1.516	
Commercial Two Rate	11	4	4.71	1.654	0.056
Commercial Two Rate	12	4	4.71	1.654	0.056
EWE	13	3	4.71	1.516	
EWE	14	3	4.71	1.516	
EWE	15	3	4.71	1.516	
MD Two Rate Commercial - LV	20	5 to 8	27.87	1.527	0.051
MD Two Rate Commercial - LV	22	5 to 8	27.87	1.527	0.051
MD Two Rate Industrial - LV	25	5 to 8	27.87	1.527	0.051
MD Two Rate Industrial - LV	26	5 to 8	27.87	1.527	0.051
MD Two Rate Industrial - LV	27	5 to 8	27.87	1.527	0.051
Domestic Two Rate	30	2	3.67	1.976	0.066
Domestic Restricted	35	2		0.187	
Domestic Restricted	36	2		0.187	
Non Domestic Restricted	41	4		0.292	
Non Domestic Restricted	42	4		0.292	

Table 7a – NHH Preserved Tariffs/Additional LLFC Classes					
Description	**LLFC**	**Profile class**	**Fixed charge (p/MPAN/day)**	**Day or Unrestricted unit charge (p/kWh)**	**Night unit charge (p/kWh)**
Non Domestic Prepayment Unrestricted	46	3	4.71	1.516	
Non Domestic Prepayment Unrestricted	47	3	4.71	1.516	
Non Domestic Prepayment Unrestricted	49	3	4.71	1.516	
Industrial Unrestricted	107	3	4.71	1.516	
Industrial Unrestricted	108	3	4.71	1.516	
Industrial Unrestricted	109	3	4.71	1.516	
Industrial Two Rate	110	4	4.71	1.654	0.056
Industrial Two Rate	111	4	4.71	1.654	0.056
Industrial Two Rate	112	4	4.71	1.654	0.056
MD Two Rate Commercial - HV	322	5 to 8	212.20	0.721	0.025
HV Medium Non-Domestic	323	5 to 8	212.20	0.721	0.025

Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.
	The Domestic and Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.

Table 7b – HH Preserved Tariffs/Additional LLFC Classes								
Description	**LLFC**	**Fixed charge (p/MPAN /day)**	**Capacity charge (p/kVA/ day)**	**Excess capacity charge (p/kVA/ day)**	**Red unit charge (p/kWh)**	**Amber unit charge (p/kWh)**	**Green unit charge (p/kWh)**	**Excess reactive power charge (p/kVArh)**
MD HH LV	121	7.57	2.64	2.64	6.892	0.709	0.046	0.319
MD HH LV	124	7.57	2.64	2.64	6.892	0.709	0.046	0.319
MD HH HV	130	76.11	4.22	4.22	3.917	0.275	0.023	0.161
MD HH LV	132	7.57	2.64	2.64	6.892	0.709	0.046	0.319

Notes:	Time Periods Red unit charges apply 16.00 to 19.00 hours, Mon to Fri including Bank Holidays Amber unit charges apply 07.30 to 16.00, and 19.00 to 21.00 hours, Mon to Fri including Bank Holidays Green unit charges apply 00.00 to 07.30 and 21.00 to 24.00, Mon to Fri including Bank Holidays, and all day Sat and Sun All times are UK clock-time.

4. Schedule of Generation Tariffs

4.1. Suppliers who wish to purchase electricity from distributed generators with NHH metered Measurement Class A MPANs or with HH metered Measurement Class C or E MPANs may adopt this charge structure depending upon the metered voltage.

4.2. The tariffs in Table 8a apply to sites metered at HV or LV. The Site specific charges in Table 8b apply to sites metered at EHV. Table 8c contains all preserved tariffs.

Table 8a – Generation Tariffs						
Description	**LLFC**	**Fixed Charge (p/site/ day)**	**Red or Unrestricted unit charge (p/kWh)**	**Amber unit charge (p/kWh)**	**Green unit charge (p/kWh)**	**Excess reactive power charge (p/KVArh)**
Non-Half Hourly Tariffs						
LV Generation NHH	625		-0.612			
LV Sub Generation NHH	570		-0.520			
Half Hourly Tariffs						
LV Generation Intermittent	571		-0.612			0.293
LV Generation Non-Intermittent	573		-4.427	-0.617	-0.042	0.293
LV Sub Generation Intermittent	572		-0.520			0.270
LV Sub Generation Non-Intermittent	574		-3.806	-0.507	-0.037	0.270
HV Generation Intermittent	575	13.07	-0.334			0.224
HV Generation Non-Intermittent	577	13.07	-2.564	-0.285	-0.028	0.224
HV Sub Generation Intermittent	576	13.07	-0.355			0.159
HV Sub Generation Non Intermittent	578	13.07	-2.766	-0.284	-0.034	0.159

Notes: Time Periods

Red unit charges apply 16.00 to 19.00 hours, Mon to Fri including Bank Holidays
Amber unit charges apply 07.30 to 16.00, and 19.00 to 21.00 hours, Mon to Fri including Bank Holidays
Green unit charges apply 00.00 to 07.30 and 21.00 to 24.00, Mon to Fri including Bank Holidays, and all day Sat and Sun

All times are UK clock-time.

4.3. The following charges are calculated using Western Power Distribution EHV charging methodology and are applied on a site specific basis.

Table 8b – Site-Specific tariffs for HH metered EHV									
Description	**LLFC**	**Fixed charge (p/site/ day)**	**Capacity charge (p/kVA/ day)**	**Excess capacityc harge (p/kVA/ day)**	**Red unit charge (p/kWh)**	**Amber unit charge (p/kWh)**	**Green unit charge (p/kWh)**	**Excess reactive power charge (p/kVArh)**	
Tyseley Waste Export	703								1430000005417
Uni of Birmingham Export	708								1430000001360
Quatt Export	731								1424993500000
Wolverhampton WS Export	732								1430000000915 1430000000924
Stoke CHP Export	733								1425793500001
Hanford Waste Services Export	734								1430000033051 1430000033060
NR Kidsgrove Export	735								1424993500000
NR Stafford Export	736								1430000033103
NR Winson Green Export	737								1430000033121
NR Smethwick Export	738								1430000033089
NR Willenhall Export	739								1430000033112
NR Nechells / Washwood Heath Export	741								1430000033070 1430000044090
Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.								

Preserved Generation tariffs

4.4. WPD does not have any preserved generation tariffs.

5. Schedule of Licensed Distributor Network Operator (LDNO) tariffs

5.1. LDNO tariffs have been calculated for use by LDNOs **only** to reflect the displacement of the upstream DNO distribution costs and are not available for DNO to DNO inter-connectors, connections to other offshore transmission networks or other similar connections. Use of System Charges for inter-connectors, offshore transmission connections or other similar connections will be based on the appropriate standard tariffs.

5.2. The tariff structure for embedded network operators will mirror the structure of the all-the-way-tariff and is dependant upon the voltage of connection, either LV or HV. The same tariff elements will apply as those that match the LDNOs end customers tariffs.

5.3. For Nested Networks the host DNO charges (or pays) the nested DNO on the basis of discounted tariffs for the voltage of connection of the intermediate LDNO to the host DNO, irrespective of the connection of the nested LDNO to the intermediate LDNO. Additional financial flows might exist between the nested LDNO and the intermediate LDNO, these additional financial flows are not covered in this statement.

LDNO LV Connections to DNO Network; Tariffs for Profile Classes 1 to 8

5.4. The following tariffs apply to the LDNOs whose connection to the distribution network is at LV.

Table 9 – LDNO LV Connections to DNO Network: Tariffs for Profile Classes 1 to 8

Description	LLFC	Profile class	Fixed charge (p/site/ day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Domestic Unrestricted	200	1	2.62	1.219	
Domestic Two-Rate	201	2	2.62	1.409	0.047

Table 9 – LDNO LV Connections to DNO Network: Tariffs for Profile Classes 1 to 8					
Description	LLFC	Profile class	Fixed charge (p/site/ day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Domestic Off-Peak (Related MPAN)	202	2		0.133	
Small Non-Domestic Unrestricted	203	3	3.36	1.081	
Small Non-Domestic Two Rate	204	4	3.36	1.179	0.040
Small Non-Domestic Off Peak (Related MPAN)	205	4		0.208	
LV Medium Non-Domestic	206	5 to 8	19.87	1.089	0.036
Non-Half Hourly Unmetered	208	1 and 8		1.547	
LV Generation Non-Half Hourly	210	8		-0.612	
Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.				

LDNO LV Connections to DNO Network: Tariffs for HH Metered Customers

5.5. The following tariffs apply to LDNOs whose connection to the distribution network is at LV.

Table 10 – LDNO LV Connections to DNO Network: Tariffs for HH Metered Customers								
Description	LLFC	Fixed charge (p/site /day)	Capacity charge (p/kVA/ day)	Excess capacity charge (p/kVA/ day)	Red or Unrest-ricted unit charge (p/kWh)	Amber unit charge (p/kWh)	Green unit charge (p/kWh)	Excess reactive power charge (p/kVArh)
LV HH Metered	207	5.40	1.88	1.88	4.915	0.506	0.033	0.227

Table 10 – LDNO LV Connections to DNO Network: Tariffs for HH Metered Customers								
Description	LLFC	Fixed charge (p/site /day)	Capacity charge (p/kVA/ day)	Excess capacity charge (p/kVA/ day)	Red or Unrest-ricted unit charge (p/kWh)	Amber unit charge (p/kWh)	Green unit charge (p/kWh)	Excess reactive power charge (p/kVArh)
LV HH UMS (Pseudo HH Metered)	209				15.390	2.091	0.434	
LV Generation Intermittent	211				-0.612			0.293
LV Generation Non-Intermittent	212				-4.427	-0.617	-0.042	0.293
Notes:	Time Periods Red unit charges apply 16.00 to 19.00 hours, Mon to Fri including Bank Holidays Amber unit charges apply 07.30 to 16.00, and 19.00 to 21.00 hours, Mon to Fri including Bank Holidays Green unit charges apply 00.00 to 07.30 and 21.00 to 24.00, Mon to Fri including Bank Holidays, and all day Sat and Sun All times are UK clock-time.							

LDNO HV Connections to DNO Network: Tariffs for Profile Classes 1 to 8

5.6. The following tariffs apply to LDNOs whose connection to the distribution network is at HV.

Table 11 – LDNO HV Connections to DNO Network: Tariffs for Profile Classes 1 to 8					
Description	LLFC	Profile class	Fixed charge (p/site/ day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Domestic Unrestricted	213	1	1.80	0.839	
Domestic Two-Rate	214	2	1.80	0.969	0.032
Domestic Off-Peak (Related MPAN)	215	2		0.092	
Small Non-Domestic Unrestricted	216	3	2.31	0.744	

Table 11 – LDNO HV Connections to DNO Network: Tariffs for Profile Classes 1 to 8					
Description	LLFC	Profile class	Fixed charge (p/site/ day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Small Non-Domestic Two Rate	217	4	2.31	0.811	0.027
Small Non-Domestic Off-Peak (Related MPAN)	218	4		0.143	
LV Medium Non-Domestic	219	5 to 8	13.67	0.749	0.025
NHH UMS	223	1 or 8		1.065	
LV Generation NHH	225	8		-0.612	
LV Sub Generation NHH	226	8		-0.520	
Notes:	Time Periods Day unit charges apply from 07.30 – 00.30 hours, all days. Night unit charges apply from 00.30 – 07.30 hours, all days. All times are in UK clock time.				

LDNO HV connections to DNO network: Tariffs for HH Metered Customers

5.7. The following tariffs apply to LDNOs whose connection to the distribution network is at HV.

Table 12 – LDNO HV Connections to DNO Network: Tariffs for HH Metered Customers								
Description	LLFC	Fixed charge (p/site /day)	Capacity charge (p/kVA/ day)	Excess capacity charge (p/kVA/ day)	Red or Unrest-ricted unit charge (p/kWh)	Amber unit charge (p/kWh)	Green unit charge (p/kWh)	Excess reactive power charge (p/kVArh)
LV HH Metered	220	3.71	1.30	1.30	3.381	0.348	0.023	0.157
LV HH UMS (Pseudo HH Metered)	224				10.588	1.438	0.299	

Table 12 – LDNO HV Connections to DNO Network: Tariffs for HH Metered Customers								
Description	LLFC	Fixed charge (p/site /day)	Capacity charge (p/kVA/ day)	Excess capacity charge (p/kVA/ day)	Red or Unrest-ricted unit charge (p/kWh)	Amber unit charge (p/kWh)	Green unit charge (p/kWh)	Excess reactive power charge (p/kVArh)
LV Sub HH Metered	221	5.47	2.60	2.60	3.246	0.285	0.022	0.188
HV HH Metered	222	62.20	3.45	3.45	3.201	0.225	0.019	0.132
LV Generation Intermittent	227				-0.612			0.293
LV Generation Non-Intermittent	228				-4.427	-0.617	-0.042	0.293
LVS Generation Intermittent	229				-0.520			0.270
LVS Generation Non-Intermittent	230				-3.806	-0.507	-0.037	0.270
HV Generation Intermittent	231				-0.334			0.224
HV Generation Non-Intermittent	232				-2.564	-0.285	-0.028	0.224

Notes:

Time Periods

Red unit charges apply 16.00 to 19.00 hours, Mon to Fri including Bank Holidays
Amber unit charges apply 07.30 to 16.00, and 19.00 to 21.00 hours, Mon to Fri including Bank Holidays
Green unit charges apply 00.00 to 07.30 and 21.00 to 24.00, Mon to Fri including Bank Holidays, and all day Sat and Sun

All times are UK clock-time.

6. System Loss Adjustment Factors

Role of Loss Adjustment Factors in the Supply of Electricity

6.1. Authorised Electricity Operators providing a supply of electricity from any entry point into WPD's electricity distribution network, including a generator entry point embedded in the network or a supply point from the transmission network, will be required to demonstrate that at all times the amount of electricity entering the network is sufficient to meet the supply in accordance with the following adjustment factors.

6.2. Adequate supply can be demonstrated either by membership of the Balancing and Settlement Code or by provision of metering information on the relevant supply and load(s). Table 14 indicates the factor by which supplies taken from the Grid Supply Point must exceed the take at the Exit Point from the network, varying according to the time of day, the season and the voltage of connection.

6.3. The treatment of electrical losses on our distribution system is regulated in accordance with the price control set out in the Licence. Suppliers should refer to the table of loss adjustment factors to calculate the amount of electricity that they must provide. The same loss adjustment factors (LAFs) are reflected in the settlement system.

6.4. Loss Factors are calculated in accordance with BSCP 128. BSCP 128 determines the principles which DNOs must comply with when setting LLFCs. Our methodology can be downloaded from the Elexon website www.elexon.co.uk.

Site Specific Loss Adjustment Factors

6.5. In accordance with BSCP 128, where a site is metered at EHV, account will be taken of the individual characteristics and location with regard to the real electrical flows on the network, including any losses on the connection into WPD's electricity distribution network. New EHV connections will be allocated a generic EHV loss factor from table 14, dependant on the voltage of connection.

6.6. Tables 15a and 15b indicates the factors by which supplies entering at the Grid Supply Point must exceed the take at the exit point from the system, varying according to the time of day, the season and the voltage of connection. The

LAFs reflect the total losses on the company's system as attributable to the relevant voltages.

6.7. The Elexon website contains the loss factors in standard industry data format (D0265). Details can be found at https://www.bsccentralservices.com/ (login required), within Applications / Market Data Dashboard.

Table 13 – Time periods LLFC classes	
Period Name	Times
Night	00:30 – 07:30 all days
Peak	Monday – Friday 16:00 – 19:00 November to February
Semi-Peak	Monday–Friday 07:30–16:00 & 19:00-20:00 November to February
Other	All other times
Notes	All the above times are in UK Clock time

Table 14 – Metered voltage, respective periods and associated LLFCs Demand / Generation					
Metered Voltage	**Night**	**Peak**	**Semi-Peak**	**Other**	**Associated LLFC Classes**
Low Voltage Generic Demand and Generation	1.051	1.075	1.065	1.087	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 19, 20, 21, 22, 25, 26, 27, 30, 34, 35, 36, 40, 41, 42, 46, 47, 49, 85, 86, 87, 88, 95, 96, 97, 98, 99, 107, 108, 109, 110, 111, 112, 121, 124, 127, 128, 132, 570, 571, 572, 573, 574, 625
High Voltage Generic Demand and Generation	1.017	1.025	1.022	1.030	130, 322, 323, 365, 366, 575, 576, 577, 578, 724, 727, 730, 731, 740, 742, 743, 744, 745, 746, 747
EHV Demand	1.007	1.010	1.009	1.012	None
EHV Generation	1.007	1.010	1.009	1.012	723, 725, 726, 728, 729

Table 15a –EHV Site Specific Demand					
Description	**Night**	**Peak**	**Semi-Peak**	**Other**	**Associated LLFC Classes**
Tyseley Waste Import	1.001	1.001	1.001	1.001	702
Takao Europe Import	1.013	1.024	1.017	1.017	704
BMW Import	1.001	1.002	1.002	1.002	705
NG Transco Peterstow Import	1.011	1.026	1.019	1.013	706
Uni of Birmingham Import	1.001	1.003	1.003	1.002	707
Wyelands STW Import	1.048	1.101	1.075	1.051	709
Wolverhampton WS Import	1.000	1.001	1.001	1.000	710
Stoke CHP Import	1.002	1.001	1.003	1.002	711
WBB Minerals Import	1.015	1.027	1.029	1.023	712
Cauldon Cement Import	1.027	1.023	1.024	1.028	713
Abson Gas Compressor Station Import	1.015	1.017	1.018	1.019	714
Ervin Amasteel Import	1.002	1.002	1.002	1.002	715
Hanford Waste Services Import	0.993	0.996	0.996	0.993	716
NR Kidsgrove Import	1.008	1.015	1.014	1.012	717
NR Stafford Import	1.007	1.012	1.011	1.010	718
NR Nechells/Washwood Heath Import	1.002	1.002	1.002	1.002	719
NR Winson Green Import	1.001	1.002	1.002	1.001	720
NR Smethwick Import	1.000	1.000	1.000	1.000	721
NR Willenhall Import	1.001	1.001	1.001	1.001	722
Inco Alloys Import	1.023	1.046	1.043	1.032	724
Rover Longbridge Import	1.003	1.007	1.005	1.004	727
Quatt Import	1.017	1.025	1.022	1.030	730
Knypersley Import	1.017	1.025	1.022	1.030	740
Simplex Import	1.017	1.025	1.022	1.030	742
BBC Woofferton Import	1.017	1.025	1.022	1.030	743
Star Aluminium Import	1.017	1.025	1.022	1.030	744
Redman Fisher Import	1.003	1.018	1.015	1.017	747
Heartlands Power (Tariff Code 800)	1.051	1.075	1.065	1.087	N/A

Table 15b –EHV Site Specific Generation					
Description	**Night**	**Peak**	**Semi-Peak**	**Other**	**Associated LLFC Classes**
Tyseley Waste Export	1.000	1.001	1.001	1.000	703
Uni of Birmingham Export	1.000	1.000	1.000	1.000	708
Quatt Export	1.017	1.025	1.022	1.030	731
Wolverhampton WS Export	1.000	1.000	1.000	1.000	732
Stoke CHP Export	0.997	0.998	0.998	0.997	733
Hanford Waste Services Export	0.993	0.996	0.996	0.993	734
NR Kidsgrove Export	1.002	1.003	1.003	1.002	735
NR Stafford Export	1.001	1.001	1.001	1.001	736
NR Winson Green Export	1.000	1.001	1.001	1.001	737
NR Smethwick Export	1.000	1.000	1.000	1.000	738
NR Willenhall Export	1.000	1.000	1.000	1.000	739
NR Nechells/Washwood Heath Export	1.000	1.000	1.000	1.000	741

7. Electricity Distribution Rebates

7.1. WPD has neither given nor announced any distribution system rebates to authorised electricity operators in the 12 months preceding the date of publication of this revision of the statement.

8. Accounting and Administration Services

Administration Charge

8.1. WPD does not levy an administration charge for accounting and administration services.

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

9.1. WPD does not levy a charge for electrical plant provided ancillary to the grant of use of system.

10. Glossary of Terms

10.1. The following definitions are included to aid understanding:

Term	Definition
Customer	A person to whom a user proposes to supply, or for the time being supplies, electricity through an exit point, or from whom a user, or any relevant exempt supplier, is entitled to recover charges, compensation or an account of profits in respect of electricity supplied through an exit point
Distribution Licence	The Electricity Distribution Licence granted or treated as granted pursuant to section 6(1) of the Act.
Distribution Services Area	Has, in respect of each company, the meaning given to that term in paragraph 5(b) of Condition 2 of the Distribution Licence.
Distribution Connection and Use of System Agreement (DCUSA)	The Distribution Connection and Use of System Agreement (DCUSA) is a multi-party contract between the licensed electricity distributors, suppliers and generators of Great Britain.
Extra High Voltage	Voltages of 22kV and above
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 boundary point at which electricity is imported from a distribution system to a connected Installation or to 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)
High Voltage (HV)	Nominal voltages of at least 1kV and less than 22kV
High Voltage sub-station (HV Sub)	HV Sub applies to customers connected to the licensee's distribution system at a voltage of at least 1 kV and less than 22 kV at a substation with a primary voltage (the highest operating voltage present at the substation) of at least 22 kV and less than 66 kV, where the current transformer used for the customer's settlement metering or for metering used in the calculation of the customer's use of system charges or credits is located at the substation.
Intermittent Generation	Intermittent generation is defined as a generation plant where the energy source of the prime mover cannot be made available on demand, in accordance to the definitions in ER P2/6. These include wind, tidal, wave, photovoltaic and small hydro. The operator has little control over operating times therefore, a single-rate tariff (based on a uniform probability of operations across the year) will be applied to intermittent generation.

Low Voltage (LV)	Nominal voltages below 1kV
Low Voltage sub-station (LV Sub)	LV Sub applies to customers connected to the licensee's distribution system at a voltage of less than 1 kV at a substation with a primary voltage (the highest operating voltage present at the substation) of at least 1 kV and less than 22 kV, where the current transformer used for the customer's settlement metering is located at the substation.
Licensed Distributor Network Operator (LDNOs)	Licensed distribution network operator. This refers to an independent distribution network operator (IDNO) or to a distribution network operator (DNO) operating embedded distribution network outside its distribution service area.
Market Domain Data	Market Domain Data is the central repository of reference data used by Suppliers, Supplier Agents and Licensed Distribution System Operators (LDSOs) in the retail electricity market. It is essential to the operation of Supplier Volume Allocation (SVA) Trading Arrangements.
Measurement Class	The measurement class of a Metering System e.g. above 100kW, below 100kW, unmetered.
Metering System	Particular commissioned Metering Equipment installed for the purposes of measuring the quantities of Exports and Imports at the Boundary Point.
Non-intermittent Generation	Non-intermittent generation is defined as a generation plant where the energy source of the prime mover can be made available on demand, in accordance to the definitions in ER P2/6. The generator can choose when to operate, and bring more benefits to the network if it runs at times of high load. These include combined cycle gas turbine (CCGT), gas generators, landfill, sewage, biomass, biogas, energy crop, waste incineration and combined heat and power (CHP). A three-rate tariff will be applied to generation credits for half-hourly settled non-intermittent generation.
Ofgem	Office of gas and electricity markets - Ofgem is governed by GEMA and is responsible for the regulation of the distribution companies.
Use of System Charges	Charges for demand and generation customers which are connected to and utilising the distribution network.
User	Is a supplier, generator or distribution network operator