

INDICATIVE



Southern Electric Power Distribution plc

Use of System Charging Statement

Effective from 1st April 2010

Version 0.0

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

Southern Electric Power Distribution plc
Registered office:
55 Vastern Road
Reading
RG1 8BU
Registered No: 4094290

Price: £5

SSE Power Distribution is a trading name of: SSE Power Distribution Limited Registered in Scotland No. SC213459; Scottish Hydro Electric Transmission Limited Registered in Scotland No. SC213461; Scottish Hydro Electric Power Distribution plc Registered in Scotland No SC213460; S+S Limited Registered in Scotland 214382 (all having their Registered Offices at Inveralmond House 200 Dunkeld Road Perth PH1 3AQ); and Southern Electric Power Distribution plc Registered in England & Wales No. 4094290 having its Registered Office at 55 Vastern Road, Reading, Berks, RG1 8BU

www.ssepd.co.uk

INDICATIVE

**Index to the Statement of Charges for Use of the
Southern Electric Power Distribution plc Distribution System**

Version Number	Description of Changes
V0.0	SEPD DUoS Charges Indicative 2010-11 (LC14 format) SEPD EDN DUoS Charges Effective from 01 October 2009
V0.1	
V1.0	
V1.1	

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1. Introduction

1.1. This statement has been prepared in order to discharge Southern Electric Power Distribution plc's ("SEPD" or "the Company") 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:

Angus Rae
Commercial Policy Manager
Southern Electric Power Distribution plc
Inveralmond House
200 Dunkeld Road
Perth
PH1 3AQ
Email : angus.rae@scottish-southern.co.uk
Telephone : 01738 456308

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

Email : authorised.capacity@scottish-southern.co.uk

1.4. For all other queries please contact our general enquiries telephone number: 0800 048 3516.

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. There will only be one fixed charge applied to each metering point administration number (MPAN) in respect of which you are registered.

The charges are based on the following tariff components:

- A fixed charge pence/per MPAN/day; 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 SEPD 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 – specific to DNOs. All LLFCs are assigned at the sole discretion of SEPD. 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 SEPD 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);
- Table 7 for UoS Charges Out of Area (where applicable); and
- Table 8 for Preserved Tariffs/LLFCs (where applicable).

2.5. Where an MPAN has an invalid settlement combination the 'Domestic Unrestricted' tariff will be applied as the default tariff 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/per MPAN/day;
- A capacity charge, pence/per kVA/day, for agreed maximum import capacity;
- An excess capacity charge, if a site exceeds its maximum import capacity (MIC);
- Unit charges pence/per 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 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);
- Table 7 for UoS Charges out of area (where applicable); and
- Table 8 for Preserved/Additional Tariffs/LLFCs (where applicable).

Extra High Voltage (EHV) supplies

2.8. Designated EHV Properties are allocated Site Specific DUoS tariffs. Designated EHV Properties are defined in standard condition 50A.11 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 SEPD 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 SEPD, 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 SEPD 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 only)

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, with the same charge rate applying throughout the relevant charging year.

Maximum Import Capacity

- 2.14. The MIC will be charged on a site basis (p/kVA/day).
- 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 SEPD, in accordance with our 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 SEPD.

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 month in which the breach occurs.

Minimum Capacity Levels

- 2.20. There is no minimum capacity threshold.

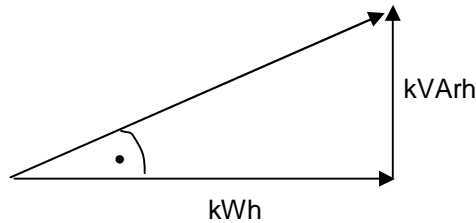
Import Reactive Power Charge

- 2.21. The excess reactive power charge applies when a site's reactive power (measured in kVAh) 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:

$\cos \phi = \text{Power Factor}$



2.23. The chargeable reactive power is calculated as follows:

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

2.24. Where:

AI = Active Import in kWh

RI = Reactive Import in kVArh

RE = Reactive Export in kVArh

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

2.26. Only kVArh Import and KVarh Export values occurring at times of kWh Import are used.

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

Generation Billing and Payment by Settlement Class

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

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

- Unit charges pence/per kWh for transport of electricity over the system

2.30. Details of our charges for NHH Generation can be found in Section 4.

Generation Site Specific Billing and Payment

2.31. Use of System charges for HH Low Voltage (LV) and high voltage (HV) generation tariffs will be billed via the HH billing systems.

2.32. The structure of HH generation charges will be as follows:

- A fixed charge pence/per MPAN/day (HV only);
- Unit charges pence/per kWh for transport of electricity over the system; and
- An excess reactive power charge.

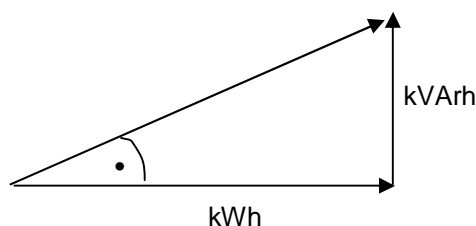
2.33. Details of our charges for HH Generation can be found in Section 4.

Generation Reactive Power Charge

2.34. 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.

2.35. Power Factor is calculated as follows:

$\cos \phi = \text{Power Factor}$



2.36. The chargeable reactive power is calculated as follows:

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

2.37. Where:

AE = Active Export in kWh

RI = Reactive Import in kVArh

RE = Reactive Export in kVArh

- 2.38. This calculation is completed for every half hour and the values summated over the billing period.
- 2.39. Only kVArh Import and KVArh Export values occurring at times of kWh Export are used.
- 2.40. The square root calculation will be to two decimal places.

Generation connected at EHV

- 2.41. Charges for EHV connected generation will be site specific. These charges will provide focused cost reflective economic signals to generators that will encourage efficient connection to the network. The charges will be set to recover the three elements of allowed revenue relevant to each particular EHV connected generator with reference to the actual cost of connection – will be DNO specific.

Provision of Billing Data

- 2.42. Where half hourly 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 SEPD 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 SEPD 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 SEPD). The data shall be e-mailed to: duos.income.billing@scottish-southern.co.uk.

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 (M 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	100-102, 108-109, 154-155	1	2.53	1.880	
Domestic Two Rate	104-106, 110-111, 156-157	2	2.53	1.890	0.260
Domestic Off-Peak (Related MPAN)	115, 121, 150-153	2		0.329	
Notes:	Unit time periods are as specified in the SSC.				
	The Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.				
	SEPD uses a default tariff for invalid settlement combinations these will be charged at the Domestic Unrestricted rates.				

Tariffs for Profile Classes 3 & 4

- 3.3. Suppliers who wish to supply electricity to customers with non-half hourly metered (M 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	126-128, 133-134	3	3.99	1.517	
Small Non-Domestic Two Rate	129-131, 135-136	4	3.99	1.575	0.226
Small Non-Domestic Off peak (Related MPAN)	140, 144	4		0.314	
Notes:	Unit time periods are as specified in the SSC.				
	The Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.				
	SEPD uses a default tariff for invalid settlement combinations these will be charged at the Domestic Unrestricted rates.				

Tariffs for Profile Classes 5-8

- 3.5. Suppliers who wish to supply electricity to customers with non-half hourly metered (M 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 Supplies	400-401, 475, 479	5-8	21.73	1.377	0.222
LV Sub Medium Non-Domestic Supplies	405	5-8	3.26	0.958	0.149
HV Medium Non-Domestic Supplies					
Notes:	Unit time periods are as specified in the SSC.				
	<p>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.</p> <p>LV Substation tariffs will be applied for new customers from 1 April 2010. Where a customer is already registered on either an LV substation tariff they will remain so.</p>				
	HV Medium Non-Domestic - This tariff will be closed to new customers and all new HV connections will be required to be half-hourly metered. See Table 8a.				
	SEPD uses a default tariff for invalid settlement combinations these will be charged at the Domestic Unrestricted rates.				

Tariffs for Half-Hourly Metered LV and HV

- 3.7. Suppliers who wish to supply electricity to customers whose supplies are half hourly metered (M 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/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)
Low Voltage HH Metered	453, 470	8.28	2.49	2.49	6.258	0.964	0.160	0.252
Low Voltage Sub HH Metered	455	3.26	4.84	4.84	4.358	0.472	0.083	0.177
High Voltage HH Metered	658, 476	79.45	5.44	5.44	3.798	0.346	0.059	0.120
High Voltage Sub HH Metered	660	133.59	3.47	3.47	3.021	0.224	0.037	0.095
Notes:	Fixed charges are generally levied on a pence per MPAN basis.							
	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.							
	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.							
	LV and HV substation tariffs will be applied for new customers from 1 April 2010. Where a customer is already registered on either an LV or HV substation tariff they will remain so.							
	<p>Time Periods (UK Clock Time):</p> <p>Unit charges in the red time band apply – between 16:30 to 19:00, Mon to Fri including Bank Holidays</p> <p>Unit charges in the amber time band apply – between 09:00 to 16:30, and 19:00 to 20:30 Mon to Fri including Bank Holidays</p> <p>Unit charges in the green time band apply – between 00:00 to 09:00, and 20:30 to 24:00, Mon to Fri including Bank Holidays, and 00:00 to 24:00 Sat and Sun.</p>							

Tariffs for Half-Hourly Metered EHV

3.8. The following charges are calculated using the SEPD EHV charging methodology and are applied on a site specific basis.

Table 5 – Site-Specific tariffs for HH metered EHV								
Description	LLFC	Fixed charge (£/MPAN/month)	Capacity charge (p/kVA/month)	Excess capacity charge (p/kVA/day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)		Excess reactive power charge (p/KVArh)
Site 1	700	24,378	27.00	0.00	0.317	0.065		
Site 2	701	20,425	27.00	0.00	0.315	0.065		
Site 3	702	8,277	51.00	0.00	0.334	0.065		
Site 4	703	3,488	111.00	52.00	0.360	0.076		
Site 5	706	1,342	29.00	0.00	0.416	0.065		
Site 7	708	9,207	26.00	0.00	0.247	0.070		
Site 8	709	765	96.00	0.00	0.398	0.076		
Site 9	710	6,330	27.00	0.00	0.336	0.065		
Site 10	800	743	27.00	0.00	0.261	0.051		
Site 11	801	743	27.00	0.00	0.261	0.051		
Site 12	802	365	27.00	0.00	0.261	0.051		
Site 13	803	979	27.00	0.00	0.261	0.051		

Table 5 – Site-Specific tariffs for HH metered EHV

Description	LLFC	Fixed charge (£/MPAN/month)	Capacity charge (p/kVA/month)	Excess capacity charge (p/kVA/day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)		Excess reactive power charge (p/KVArh)
Site 14	804	1,068	27.00	0.00	0.261	0.051		
Site 15	805	385	27.00	0.00	0.261	0.051		
Site 16	806	385	27.00	0.00	0.261	0.051		
Site 17	807	385	27.00	0.00	0.261	0.051		
Site 18	808	743	27.00	0.00	0.261	0.051		
Site 19	809	122	27.00	0.00	0.261	0.051		
Site 20	810	951	0.00	0.00	0.122	0.050		
Site 21	811	2,004	62.00	0.00	0.176	0.065		
Site 22	812	49	103.00	0.00	0.333	0.065		
Site 23	813	15,395	39.00	0.00	0.146	0.053		
Site 24	814	944	81.00	0.00	0.299	0.065		
Site 25	815	13,349	26.00	0.00	0.310	0.065		
Site 26	816	12,419	33.00	0.00	0.320	0.065		
Site 27	817	9,884	26.00	0.00	0.333	0.065		

Table 5 – Site-Specific tariffs for HH metered EHV

Description	LLFC	Fixed charge (£/MPAN/month)	Capacity charge (p/kVA/month)	Excess capacity charge (p/kVA/day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)		Excess reactive power charge (p/KVArh)
Site 28	818	18,352	45.00	0.00	0.161	0.053		
Site 29	819	233	27.00	0.00	0.312	0.065		
Site 30	821	429	48.00	0.00	0.062	0.062		
Site 31	822	13,613	74.00	0.00	0.325	0.065		
Site 32	823	429	48.00	0.00	0.062	0.062		
Site 33	824	4,069	62.00	0.00	0.197	0.065		
Site 34	825	7,562	26.00	0.00	0.338	0.065		
Site 35	826	5,590	16.00	0.00	0.308	0.065		
Site 36	827	743	27.00	0.00	0.261	0.051		
Site 37	828	2,135	52.00	0.00	0.236	0.053		
Site 38	829	36,611	0.00	0.00	0.115	0.053		
Site 39	830	21,589	0.00	0.00	0.151	0.052		
Site 40	831	5,213	41.00	0.00	0.144	0.053		
Site 41	832	8,888	45.00	0.00	0.360	0.065		

Table 5 – Site-Specific tariffs for HH metered EHV

Description	LLFC	Fixed charge (£/MPAN/month)	Capacity charge (p/kVA/month)	Excess capacity charge (p/kVA/day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)		Excess reactive power charge (p/KVArh)
Site 42	833	10,572	27.00	0.00	0.266	0.065		
Site 43	835	1,172	52.00	0.00	0.183	0.052		
Site 44	836	5,636	27.00	0.00	0.232	0.065		
Site 45	839	1,340	39.00	0.00	0.295	0.295		
Site 46	840	193	18.71	0.00	0.230	0.230		
Site 47	841	134	19.00	0.00	0.238	0.051		
Site 48	842	136	19.00	0.00	0.238	0.238		
Site 49	844	109	19.00	0.00	0.238	0.238		
Site 50	845	4,343	19.00	0.00	0.152	0.152		
Site 51	846	194	19.00	0.00	0.238	0.238		
Site 52	847	967	25.00	0.00	0.243	0.048		
Site 53	849	13,651	39.00	0.00	0.146	0.053		
Site 54	850	1574	41.00	0.00	0.144	0.053		
Site 55	851	20,169	41.00	0.00	0.151	0.050		

Table 5 – Site-Specific tariffs for HH metered EHV

Description	LLFC	Fixed charge (£/MPAN/month)	Capacity charge (p/kVA/month)	Excess capacity charge (p/kVA/day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)		Excess reactive power charge (p/KVArh)
Site 56	852	1,432	25.00	0.00	0.243	0.048		
Site 57	853	3,625	45.00	0.00	0.232	0.065		
Site 58	854	48,161	41.00	0.00	0.000	0.000		
Site 59	855	385	27.00	0.00	0.261	0.051		
Site 60	856	1,068	27.00	0.00	0.261	0.051		
Site 61	857	385	27.00	0.00	0.261	0.051		
Site 62	858	134	19.00	0.00	0.238	0.238		
Site 63	859	1,068	27.00	0.00	0.261	0.065		
Site 64	820	77,177	23.00	0.00	0.140	0.052		
Site 65	837	23,867	0.00	0.00	0.118	0.118		
Site 66	838	2,232	0.00	0.00	0.051	0.051		
Site 67	900							
Site 68	901	518	19.00	9.00	0.325	0.325		
Site 69	902	728	0.00	0.00	0.000	0.000		

Table 5 – Site-Specific tariffs for HH metered EHV

Description	LLFC	Fixed charge (£/MPAN/month)	Capacity charge (p/kVA/month)	Excess capacity charge (p/kVA/day)	Day unit charge (p/kWh)	Night unit charge (p/kWh)		Excess reactive power charge (p/KVArh)
Site 70	903	170	0.00	0.00	0.000	0.000		
Site 71	904	233	27.00	0.00	0.598	0.598		
Site 72	905				1.741			
Site 73	906				1.741			
Site 74	908				1.741			
Site 75	929	3,098	0.00	0.00	0.000	0.000		
Notes:	<p>Time Periods</p> <p>Day unit charges apply from 07:30 – 00:30 hours, all days</p> <p>Night unit charges apply from 00:30 – 07:30 hours, all days</p> <p>All times are in UK clock time.</p>							

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 (M Class A) or pseudo half-hourly 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	Unrestricted or Red unit charge (p/kWh)	Amber unit charge (p/kWh)	Green unit charge (p/kWh)
Non-Half Hourly Unmetered Supplies	500-504, 510-513	2.089		
Pseudo Half-Hourly Metered Supplies	520	14.862	2.985	0.774
Notes:	<p>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.</p>			
	<p>Time Periods for Pseudo Half-Hourly Metered Supplies:</p> <p>Unit charges in the red time band apply – between 16:30 to 19:00, Mon to Fri including Bank Holidays</p> <p>Unit charges in the amber time band apply – between 09:00 to 16:30, and 19:00 to 20:30 Mon to Fri including Bank Holidays</p> <p>Unit charges in the green time band apply – between 00:00 to 09:00, and 20:30 to 24:00, Mon to Fri including Bank Holidays, and 00:00 to 24:00 Sat and Sun.</p> <p>.All times are UK clock-time.</p>			
	<p>Unmetered connections are provided subject to the customer signing a connection agreement and providing and maintaining an accurate, detailed inventory of all items connected. SEPD can then issue an Unmetered Supply Certificate for electricity trading purposes.</p>			
	<p>Where the inventory is not satisfactory to SEPD a Provisional Certificate may be issued based on the best information available. SEPD 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.</p>			

Use of System Charges Out of Area

- 3.10. SEPD operates embedded distribution networks in all other DNO areas. Before we set use of system charges for our embedded distribution networks in other DNO areas, we require notification of the host DNO's 2010/11 indicative charges. As these will be published by 31 December 2009, we will subsequently review and populate this table with our relevant charges and publish them within 28 days.

Table 7 – Tariffs for Use of System Charges Out of Area								
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)
Notes:	<p>Time Periods</p> <p>[Unit charges in the red time band apply – between [xx:xx] and [xx:xx], Mon to Fri including Bank Holidays</p> <p>Unit charges in the amber time band apply – between [xx:xx] and [xx:xx], Mon to Fri including Bank Holidays</p> <p>Unit charges in the green time band apply – between [xx:xx] and [xx:xx], Mon to Fri including Bank Holidays, and [xx:xx] and [xx:xx] Sat and Sun]</p> <p>All times are UK clock-time.</p>							
	[Add DNO specific notes]							
	[Add detail of any tariffs subject to a derogation]							

Preserved/Additional LLFC Classes

3.11. The tables below list any preserved/additional LLFCs that are valid at 1st April 2010 but will gradually be withdrawn and replaced with alternatives. All preserved tariffs are mapped to the charges for the relevant active tariff. This information applies to both NHH MPANs registered as Profile Class 1 to 8 (Table 8a) and HH tariffs (Table 8b).

Table 8a – NHH Preserved/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 Two Rate	124-125	2	2.53	1.890	0.260
Domestic Off Peak (Related MPAN)	112–114, 116–120, 122-123	2		0.329	
Small Non Domestic Off Peak (Related MPAN)	138-139, 141-143, 145	4		0.314	
HV Medium Non-Domestic	605-606	5-8	339.38	0.643	0.071
Notes:	Unit time periods are as specified in the SSC.				
	The Domestic and Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.				
	SEPD uses a default tariff for invalid settlement combinations these will be charged at the Domestic Unrestricted rates.				

Table 8b – HH Preserved/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)
LV HH Metered	450*	8.28	2.49	2.49	6.258	0.964	0.160	0.252
HV HH Metered	655*	79.45	5.44	5.44	3.780	0.346	0.059	0.120
Notes:	<p>Time Periods</p> <p>Unit charges in the red time band apply – between 16:30 to 19:00, Mon to Fri including Bank Holidays</p> <p>Unit charges in the amber time band apply – between 09:00 to 16:30, and 19:00 to 20:30 Mon to Fri including Bank Holidays</p> <p>Unit charges in the green time band apply – between 00:00 to 09:00, and 20:30 to 24:00, Mon to Fri including Bank Holidays, and 00:00 to 24:00 Sat and Sun.</p> <p>.All times are UK clock-time.</p>							
	* LLFC 450 and 655 are no longer offered. SEPD will migrate these customers in March 2010.							

4. Generation Tariffs

- 4.1. Suppliers who wish to purchase electricity from distributed generators with NHH metered (M Class B) MPANs or with HH metered (M Class D) MPANs may, adopt this charge structure depending upon the metered voltage.
- 4.2. The tariffs in Table 9a apply to sites metered at HV or LV. The Site specific charges in Table 9b apply to sites metered at EHV.

Table 9a – Generation Tariffs						
Description	LLFC	Fixed charge (p/MPAN/day)	Unrestricted or Red 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	931, 992		(0.754)			
LV Sub Generation NHH	932, 993		(0.656)			
Half Hourly Tariffs						
LV Generation Intermittent	1, 447, 909		(0.754)			0.214
LV Generation Non-Intermittent	2		(5.026)	(1.020)	(0.161)	0.214
LV Sub Generation Intermittent	3		(0.656)			0.199
LV Sub Generation Non-Intermittent	4		(4.527)	(0.856)	(0.136)	0.199
HV Generation Intermittent	5, 478, 910	98.41	(0.394)			0.169
HV Generation Non-Intermittent	6	98.41	(3.232)	(0.408)	(0.067)	0.169
HV Sub Generation Intermittent	7	98.41	(0.306)			0.083
HV Sub Generation Non-Intermittent	8	98.41	(2.641)	(0.296)	(0.046)	0.083
Notes:	Time Periods Unit charges in the red time band apply – between 16:30 to 19:00, Mon to Fri including Bank Holidays Unit charges in the amber time band apply – between 09:00 to 16:30, and 19:00 to 20:30 Mon to Fri including Bank Holidays					

	<p>Unit charges in the green time band apply – between 00:00 to 09:00, and 20:30 to 24:00, Mon to Fri including Bank Holidays, and 00:00 to 24:00 Sat and Sun.</p> <p>.All times are UK clock-time.</p>
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- 4.3. SEPD will until 31st March 2011, roll forward the current charging methodology for EHV connected Distribution Generation Sites. Consequently, the charges detailed in Table 9b will be applied to all EHV Generation sites.

Table 9b – Site-Specific tariffs for HH metered EHV								
Description	LLFC	Fixed charge (p/MPAN/day)	Capacity charge (p/kVA/month)	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)
EHV Generation Export			0.70					
Notes:	Charge applied to all EHV Generation sites.							

5. Licensed Distributor Network Operator (LDNO) tariffs

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

- 5.1. 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 match the LDNOs end customers tariffs.
- 5.2. The following tariffs apply to the LDNOs whose connection to the distribution network is at LV.

Table 10 – LDNO LV Connections to DNO Network: Low Voltage Tariffs for Profile Classes 1 to 8					
Description	LLFC	Profile class	Fixed charge (p/MPAN/day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Domestic Unrestricted	100-102, 108-109, 154-155	1	1.73	1.287	
Domestic Two-Rate	104-106, 110-111, 156-157	2	1.73	1.293	0.178
Domestic Off-Peak (Related MPAN)	115, 121, 150-153	2		0.225	
Small Non-Domestic Unrestricted	126-128, 133-134	3	2.73	1.038	
Small Non-Domestic Two Rate	129-131, 135-136	4	2.73	1.078	0.155
Small Non-Domestic Off Peak (Related MPAN)	140, 144	4		0.215	
LV Medium Non-Domestic	401-401, 475, 479	5-8	14.87	0.942	0.152
Non-Half Hourly Unmetered	500-504, 510-513	1&8		1.430	
LV Generation Non-Half Hourly	931, 992	8		(0.754)	
Notes:	Unit time periods are as specified in the SSC.				
	The Domestic and the Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.				
	SEPD uses a default tariff for invalid settlement combinations these will be charged at the Domestic Unrestricted rates.				

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

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

Table 11 – LDNO LV Connections to DNO Network: Low Voltage Tariffs for HH Metered Customers								
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)
LV Half-Hourly Metered	453, 470	5.67	1.70	1.70	4.283	0.660	0.110	0.172
LV Half-Hourly Unmetered	520				10.171	2.043	0.530	
LV Generation Intermittent	1, 447,909				(0.754)			0.214
LV Generation Non-Intermittent	2				(5.026)	(1.020)	(0.161)	0.214
Notes:	<p>Time Periods</p> <p>Unit charges in the red time band apply – between 16:30 to 19:00, Mon to Fri including Bank Holidays</p> <p>Unit charges in the amber time band apply – between 09:00 to 16:30, and 19:00 to 20:30 Mon to Fri including Bank Holidays</p> <p>Unit charges in the green time band apply – between 00:00 to 09:00, and 20:30 to 24:00, Mon to Fri including Bank Holidays, and 00:00 to 24:00 Sat and Sun.</p> <p>All times are UK clock-time.</p>							

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

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

Table 12 – LDNO HV Connections to DNO Network: Low Voltage Tariffs for Profile Classes 1 to 8					
Description	LLFC	Profile class	Fixed charge (p/MPAN/day)	Day or Unrestricted unit charge (p/kWh)	Night unit charge (p/kWh)
Domestic Unrestricted	100-102, 108-109, 154-155	1	1.15	1.120	
Domestic Two-Rate	104-106, 110-111, 156-157	2	1.15	1.126	0.155
Domestic Off-Peak (Related MPAN)	115, 121, 150-153	2		0.196	
Small Non-Domestic Unrestricted	126-128, 133-134	3	2.38	0.904	
Small Non-Domestic Two Rate	129-131, 135-136	4	2.38	0.938	0.135
Small Non-Domestic Off-Peak (Related MPAN)	140, 144	4		0.187	
LV Medium Non-Domestic	401-401, 475, 479	5-8	12.95	0.820	0.132
Non-Half Hourly Unmetered	500-504, 510-513	1&8		1.245	
LV Generation Non-Half Hourly	931, 992	8		(0.754)	
LVS Generation Non-Half Hourly	932, 993	8		(0.656)	
Notes:	Unit time periods are as specified in the SSC.				
	The Domestic and the Non-Domestic off-peak (related MPAN) tariffs are supplementary to a standard published tariff and therefore only available under these conditions.				
	SEPD uses a default tariff for invalid settlement combinations these will be charged at the Domestic Unrestricted rates.				

LDNO HV connections to DNO network: HIGH voltage tariffs for HH Metered Customers

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

Table 13 – LDNO HV Connections to DNO Network: Low Voltage & High Voltage Tariffs for HH Metered Customers								
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)
LV Half-Hourly Metered	453, 470	4.93	1.48	1.48	3.728	0.574	0.095	0.150
LV Half-Hourly Unmetered	520				8.854	1.778	0.461	
LVS Half-Hourly Metered	455	2.89	4.29	4.29	3.860	0.418	0.074	0.157
HV Half-Hourly Metered	658, 476	58.73	4.02	4.02	2.807	0.256	0.044	0.089
LV Generation Intermittent	1, 447, 909				(0.754)			0.214
LV Generation Non-Intermittent	2				(5.026)	(1.020)	(0.161)	0.214
LVS Generation Intermittent	3				(0.656)			0.199
LVS Generation Non-Intermittent	4				(4.527)	(0.856)	(0.136)	0.199
HV Generation Intermittent	5, 478, 910				(0.394)			0.169

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HV Generation Non- Intermittent	<p>6</p>				<p>(3.232)</p>	<p>(0.408)</p>	<p>(0.067)</p>	<p>0.169</p>
Notes:	<p>Time Periods</p> <p>Unit charges in the red time band apply – between 16:30 to 19:00, Mon to Fri including Bank Holidays</p> <p>Unit charges in the amber time band apply – between 09:00 to 16:30, and 19:00 to 20:30 Mon to Fri including Bank Holidays</p> <p>Unit charges in the green time band apply – between 00:00 to 09:00, and 20:30 to 24:00, Mon to Fri including Bank Holidays, and 00:00 to 24:00 Sat and Sun.</p> <p>All times are UK clock-time.</p>							

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 the SEPD 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). The table which follows 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 the SEPD electricity distribution network.

Table of Loss Adjustment Factors

- 6.6. The following table 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 LLFCs (loss adjustment factors) 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 within the Market data – Static data at www.Elexon.co.uk

Table 14 – Time periods LLFC classes			
Period 1	Winter Weekday Peak	16.00-19.00	Mon-Fri, Nov - Feb
Period 2	Winter Weekday	07.30-16.00	Mon-Fri, Nov - Feb
		19.00-20.00	Mon-Fri, Nov - Feb
Period 3	Other	Any time outwith Periods 1, 2, 4	
Period 4	Night	00.30-07.30	All Year
Notes	All the above times are in UK Clock time		

Table 15 – Metered voltage, respective periods and associated LLFCs					
Demand / Generation					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC Classes
Demand					
LV	1.088	1.083	1.077	1.073	100-102, 104-106, 108-131, 133-136, 138-145, 150-157, 400, 401, 450, 453, 470, 473-475, 479, 500-505, 510-513, 520-521, 586-589
LVS	1.060	1.058	1.056	1.056	405, 455
HV	1.042	1.039	1.034	1.029	605, 606, 655, 658, 476
HVS	1.021	1.020	1.018	1.016	660
Export					
LV	1.088	1.083	1.077	1.073	001, 002, 909, 931, 932, 992-993, 477
LVS	1.060	1.058	1.056	1.056	003, 004
HV	1.042	1.039	1.034	1.029	005, 006, 910, 478
HVS	1.021	1.020	1.018	1.016	007, 008

Table 16 – Demand EHV Generic					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC Classes
33kV connected	1.016	1.015	1.013	1.011	933
33kV connected	1.006	1.006	1.006	1.006	934
132kV connected	1.003	1.003	1.002	1.002	935

Table 17 – Generation EHV Generic					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC Classes
33kV connected	1.016	1.015	1.013	1.011	933
33kV connected	1.006	1.006	1.006	1.006	934
132kV connected	1.003	1.003	1.002	1.002	935

Table 18 – EHV Site Specific					
LLFC	Period 1	Period 2	Period 3	Period 4	Associated LLFC Classes
Demand					
Site 1	1.003	1.003	1.003	1.003	810
Site 2	1.026	1.020	1.018	1.022	813
Site 3	1.022	1.021	1.018	1.021	818
Site 4	1.000	1.000	0.999	1.001	819
Site 5	1.003	1.003	1.003	1.003	820 (CVA MSID 7096)
Site 6	1.017	1.017	1.016	1.021	820 (CVA MSID 7097)
Site 7	1.001	1.001	0.999	1.001	821
Site 8	1.005	1.005	1.005	1.005	829
Site 9	1.003	1.003	1.003	1.003	830
Site 10	1.020	1.014	1.012	1.016	831

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Site 11	0.998	0.997	0.996	0.996	835
Site 12	1.013	1.015	1.011	1.012	837 (CVA MSID 4033)
Site 13	1.010	1.010	1.009	1.009	838 (CVA MSID 4548)
Site 14	1.003	1.004	1.002	1.003	845
Site 15	1.020	1.014	1.014	1.018	849
Site 16	0.995	0.995	0.995	0.995	850
Site 17	1.006	1.005	1.005	1.006	851
Site 18	1.000	1.000	1.000	1.004	(CVA MSID 1435)
Site 19	1.001	1.001	1.000	1.000	(CVA MSID 1623)
Site 20	1.002	1.002	1.002	1.002	(CVA MSID 1636)
Site 21	1.003	1.003	1.003	1.003	(CVA MSID 2813)
Site 22	1.010	1.010	1.011	1.010	(CVA MSID 2821)
Site 23	1.000	1.000	1.000	1.000	(CVA MSID 7098)
Site 24	1.000	1.000	1.000	1.000	(CVA MSID 7204)
Site 25	1.005	1.004	1.003	1.004	800
Site 26	1.012	1.013	1.013	1.015	801
Site 27	1.029	1.027	1.020	1.025	802
Site 28	1.020	1.018	1.016	1.018	803
Site 29	1.013	1.012	1.009	1.011	804
Site 30	1.013	1.017	1.012	1.014	805
Site 31	1.014	1.013	1.011	1.012	806
Site 32	1.026	1.023	1.019	1.021	807
Site 33	1.010	1.008	1.007	1.008	808
Site 34	1.000	1.000	1.000	1.000	809
Site 35	1.030	1.027	1.024	1.028	811
Site 36	1.091	1.093	1.073	1.078	812
Site 37	1.031	1.026	1.023	1.026	814
Site 38	1.013	1.017	1.018	1.017	815

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Site 39	1.016	1.015	1.011	1.016	816
Site 40	1.074	1.068	1.062	1.068	817
Site 41	1.009	1.008	1.007	1.009	822
Site 42	1.015	1.014	1.012	1.013	823
Site 43	1.036	1.034	1.028	1.034	824
Site 44	1.014	1.015	1.013	1.015	825
Site 45	1.008	1.008	1.007	1.007	826
Site 46	1.010	1.010	1.007	1.009	827
Site 47	1.015	1.015	1.012	1.013	828
Site 48	1.017	1.016	1.013	1.015	832
Site 49	1.006	1.006	1.006	1.006	833
Site 50	1.026	1.024	1.021	1.024	836
Site 51	1.021	1.017	1.017	1.017	839
Site 52	1.013	1.013	1.008	1.008	840
Site 53	1.143	1.092	1.058	1.207	841
Site 54	1.018	1.018	1.144	1.016	842
Site 55	1.038	1.038	1.031	1.035	844
Site 56	1.051	1.048	1.039	1.028	846
Site 57	1.020	1.020	1.016	1.020	847
Site 58	1.049	1.046	1.037	1.044	852
Site 59	1.021	1.021	1.042	1.015	853
Site 60	1.004	1.004	1.004	1.004	854
Site 61	1.016	1.017	1.012	1.012	855
Site 62	1.009	1.008	1.007	1.007	856
Site 63	1.030	1.029	1.024	1.027	857
Site 64	1.013	1.013	1.008	1.013	858
Site 65	1.045	1.040	1.035	1.035	859
Site 66	1.036	1.031	1.030	1.029	901

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Site 67					902
Site 68	1.007	1.006	1.006	1.006	903
Site 69	1.020	1.019	1.018	1.016	660
Site 70	1.020	1.019	1.018	1.016	700
Site 71	1.020	1.019	1.018	1.016	701
Site 72	1.020	1.019	1.018	1.016	702
Site 73	1.020	1.019	1.018	1.016	703
Site 74	1.020	1.019	1.018	1.016	706
Site 75	1.020	1.019	1.018	1.016	708
Site 76	1.020	1.019	1.018	1.016	708
Site 77	1.020	1.019	1.018	1.016	709
Site 78	1.020	1.019	1.018	1.016	710
Site 79	1.020	1.019	1.018	1.016	911
Site 80	1.020	1.019	1.018	1.016	912

Table 18 –EHV Site Specific					
LLFC	Period 1	Period 2	Period 3	Period 4	Associated LLFC Classes
Generation					
Site 1	1.013	1.015	1.011	1.012	915 (CVA MSID 4033)
Site 2	1.010	1.010	1.009	1.009	916 (CVA MSID 4548)
Site 3					918
Site 4	1.005	1.004	1.004	1.004	936
Site 5	1.000	1.000	1.000	1.000	(CVA MSID 7095)
Site 6	1.005	1.003	1.004	1.004	(CVA MSID 7174)
Site 7	1.017	1.015	1.016	1.008	914
Site 8	1.003	0.999	0.999	0.993	917

Table 18 –EHV Site Specific					
LLFC	Period 1	Period 2	Period 3	Period 4	Associated LLFC Classes
Site 9	1.006	1.006	1.006	1.006	919
Site 10	1.005	1.004	1.003	1.002	920
Site 11	1.009	1.007	1.006	1.006	921
Site 12	1.009	1.008	1.007	1.007	922
Site 13	1.000	0.999	0.999	0.999	923
Site 14	1.026	1.017	1.015	1.014	925
Site 15	1.013	1.013	1.010	1.011	927
Site 16	1.013	1.013	1.010	1.011	927
Site 17	1.013	1.013	1.010	1.011	927
Site 18	1.016	1.016	1.017	1.011	928
Site 19	1.008	1.006	1.006	1.003	929
Site 20	1.035	1.018	1.015	1.015	930
Site 21	1.000	1.000	1.000	1.000	937
Site 22	1.013	1.011	1.009	1.009	938

7. Electricity Distribution Rebates

- 7.1. SEPD 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. Glossary of Terms

8.1. 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	Nominal voltages of at least 1kV and less than 22kV
High Voltage sub-station	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.
Low Voltage	Nominal voltages below 1kV
Low Voltage sub-station	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	Licensed distribution network operator. This refers to an independent

Distributor Network Operator (LDNOs)	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.
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

Appendix 1 – DNO specific derogations