ScottishPower
EnergyNetworks

STATEMENT OF CHARGES FOR THE USE OF SP MANWEB'S DISTRIBUTION SYSTEM APPLICABLE FROM 1 APRIL 2007

THE FORM OF THIS STATEMENT IS SUBJECT TO THE APPROVAL OF THE GAS AND ELECTRICITY MARKETS AUTHORITY

STATEMENT OF CHARGES FOR THE USE OF SP MANWEB'S ELECTRICITY DISTRIBUTION SYSTEM

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1 INTRODUCTION

This statement describes the terms and conditions under which authorised persons may use SP Manweb's distribution system for the purposes of transporting electricity. The statement is prepared by SP Manweb in accordance with the requirements of Condition 4A of its Electricity Distribution Licence ('the Licence'), issued under the Electricity Act 1989 as amended ('the Act').

Words and expressions used in this statement have (unless specifically defined herein) the definitions given to them in the Act or the Licence and shall be construed accordingly. The Licence requires that the terms and charges contained in this statement must be reviewed at least once a year. Charges and costs shown are current at the time of publication but are subject to change, providing the necessary notice period required by the Licence is given. All charges are exclusive of VAT.

The form of this statement has been approved by the Gas and Electricity Markets Authority ('the Authority'). A fee of £10 (excluding VAT) will be payable for each copy of this statement which is provided in accordance with a request. Copies can also be obtained from the library section of the ScottishPower website at www.ScottishPower.com.

1.1 ScottishPower Companies

ScottishPower's Energy Networks Division includes the UK wires businesses, which comprises three asset owning companies and an asset management company. This structure was introduced in October 2001 to comply with the Utilities Act 2000.

The companies within the Energy Networks Division are:

SP Transmission Ltd, which owns the transmission network in south and central Scotland (132 kV and above), and the Scottish land-based part of the interconnector linking Scotland and Northern Ireland;

SP Distribution Ltd, which owns the distribution network (from 33 kV downwards) in south and central Scotland;

SP Manweb plc, whose distribution system is located in Merseyside, Cheshire and North Wales; and

SP Power Systems Ltd, which manages and maintains the networks on behalf of the three asset owners.

1.2 Methodology for Setting Use of System Charges

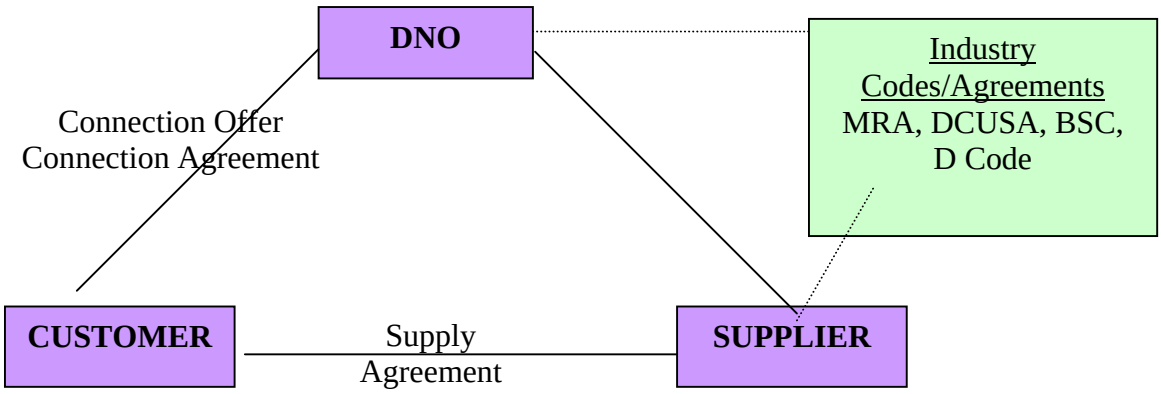
The methodology used for setting use of system charges is provided in the 'Methodology Statement Detailing the Basis of SP Manweb PLC'S Use of System Charges' issued under Condition 4 of the Electricity Distribution Licence.

The charges set out in this statement have been prepared in accordance with this methodology, as required under paragraph 1(b) of Condition 4A of the Electricity Distribution Licence.

1.3 The Contractual Framework

Users entitled to use SP Manweb's electricity distribution system are those who are authorised by Licence or by exemption under the Act to supply, distribute or generate electricity. In order to protect all Users of the system, SP Manweb will require evidence of authorisation before agreeing terms for use of the system. NOTE: In the rest of this commentary, requirements applying to authorised Users or Authorised Electricity Operators should be taken to mean Licensed Suppliers, Licensed Electricity Distributors or Licensed Generators.

High Level Contractual Framework



Users seeking to use the system will be required, prior to using the system, to enter into an agreement with SP Manweb setting out the obligations of both parties. The party seeking use of the system will be required to:

- pay all charges due in respect of use of the system as described in this statement and the accompanying schedules;
- be a party (where the person is a Licensed Supplier) to the Master Registration Agreement (MRA) for the provision of metering point administration services within SP Manweb's authorised area;
- enter into the National Grid Electricity Transmission's (NGET's) Connection and Use of System Code and any necessary Bilateral Agreement, governing

connections to and use of NGET's transmission system, unless SP Manweb is informed by NGET that this is not required in any particular case;

- be a party to the Balancing and Settlements Code; and

- comply with the provisions of the Distribution Code (copies can be downloaded at www.dcode.org.uk).

If the applicant and SP Manweb fail to agree contractual terms, or any variation of contractual terms proposed by SP Manweb, either party may request settlement by the Gas and Electricity Markets Authority.

While the terms and conditions in the agreements will be consistent with those in this statement, the agreement will take precedence. Where a User, having entered an agreement for use of SP Manweb's electricity distribution system, ceases for whatever reason to be a User with respect to that use of the system, then the entitlement to use of the system will cease forthwith, but the User will continue to be liable under the agreement unless and until the agreement is terminated. In order to avoid any liability in this regard, a User wishing to terminate his agreement or wishing to notify a change should give SP Manweb no less than 28 days' notice. SP Manweb will normally respond within 28 days of a notification of change.

Terms and conditions for connection of premises or other electrical systems to SP Manweb's electricity distribution system are contained in the connections statement ("Methodology statement detailing the basis of charges for connection to SP Distribution Ltd's Electricity distribution system"), which is available from SP Manweb on request. Persons seeking use of the system with respect to a new supply must apply for connection in accordance with the terms and conditions described in that statement.

Where a person requires a connection to SP Manweb's electricity distribution system pursuant to Section 16 of the Electricity Act (as amended), the provisions of this statement are without prejudice to the provisions of sections 16 to 22 of the Electricity Act (as amended) (those sections which deal with the rights, powers and duties of SP Manweb, as an electricity distributor), in respect of the distribution of electricity to owners or occupiers of premises.

1.4 Contact Information

If you have any questions about the contents of this statement please contact us at the address shown below. Also given below are contact details for the Office of Gas and Electricity Markets should prospective users wish to enquire separately on matters relating to this statement.

For enquiries about this statement, please contact in the first instance:

Commercial Section
SP PowerSystems Ltd
New Alderston House
Dove Wynd
Strathclyde Business Park
Bellshill
ML4 3FF

Email: commercial@sppowersystems.com

Tel. No. 01698 413512
Fax No. 01698 413053

Persons seeking further information on any aspect of this document may also contact:

OFGEM
9 Millbank
London
SW1P 3GE

Tel: 0207 9017000
www.ofgem.gov.uk

2 SUPERCUSTOMER METHODOLOGY FOR USE OF SYSTEM BILLING

The Supercustomer approach to use of system billing makes use of the way that the supplier's energy settlements are calculated. In brief, the use of system charge to the supplier will have a fixed portion related to the number of metering point administration numbers (Supply Numbers - also known as 'MPANs') supplied and one or more unit portions tied to kWh consumption. The charge is calculated in a way that corresponds to the calculation of the supplier's energy purchases.

2.1 Settlements Process

Suppliers register Supply Numbers that they supply, within SP Manweb's authorised area, with SP Manweb's distribution business. The supplier passes these registration details to the data aggregator, who puts them into the settlements process.

The settlements process consists of the following steps:

- Data collectors pass consumption information to the data aggregator based on periodic meter reads and estimates.

- The data aggregator aggregates consumption by supplier and settlement class and sends it to the Supplier Volume Allocation Agent (SVAA).

- SVAA profiles supplier consumption into half-hour values to calculate energy purchases and to generate a use of system report that details consumption by settlement class.

- SP Manweb's distribution business receives a use of system report detailing consumption by settlement class for all suppliers operating in its authorised area. Each supplier receives a copy of that use of system report (with consumption figures for other suppliers removed).

- For each settlement day, the above steps are carried out normally once for an initial settlement run, three times for a reconciliation settlement run up to three months apart, and once for a final reconciliation run up to six months after the third reconciliation run. This process builds up an increasingly accurate picture of consumption. Occasionally, further settlement runs may take place.

- Suppliers receive a daily statement from SP Manweb detailing use of system charges and consumption (kWh and Supply Number count) by settlement class for a given settlement day and a specific settlements run. Suppliers also receive a periodic bill showing amounts due. The bill covers all settlement days for which use of system reports have been received during the financial period and takes reconciliation into account.

2.2 Bills, Statements and Use of System Reports

2.2.1 Use of System Reports

SVAA sends use of system reports to suppliers and to SP Manweb on a daily basis. These reports will detail the supplier's consumption on a particular day in the past, when electricity was consumed, i.e. the settlement day. This consumption is expressed in terms of kWh totals and a count of Supply Numbers. For each settlement day, up to five use of system reports (initial, reconciliation one, reconciliation two, reconciliation three, and final reconciliation) will be sent out by SVAA. The last report (final reconciliation) may be sent as much as fourteen months after the settlement day itself. In certain circumstances, further 'dispute' reconciliations may be used.

2.2.2 Statements

These are produced daily, for each settlement day for which SP Manweb has received a use of system report. They are calculated by taking consumption for a settlement class for a supplier and applying a use of system charge to it. The unit charge portion of a use of system charge is applied to the relevant kWh total and the fixed charge portion to the Supply Number count. Statements do not take account of previous reconciliation runs or VAT.

2.2.3 Bills

These are calculated on a periodic basis and sent by SP Manweb to each supplier for whom the company is delivering supplies of electricity through its distribution system. These periodic bills cover each settlement day whose consumption figures (in the form of a use of system report) have been received on a day within the financial period. Unlike statements, bills take account of previous reconciliation runs and include VAT.

2.3 Reconciliation and Interest

Reconciliation is the process by which the billing mechanism seeks to ensure that the supplier and the company are cash neutral in spite of earlier consumption figures being inaccurate. Any monies over or under claimed after receipt of one use of system report should be compensated (including interest) on receipt of the following and more accurate report.

The bill calculated from the current reconciliation run is compared with that calculated on the previous run. The difference is known as the reconciliation amount. A negative reconciliation amount represents an amount that SP Manweb must pay to the supplier, as the more accurate consumption is less than previously billed. A positive reconciliation amount represents an additional amount that the supplier must pay to SP Manweb (as the more accurate consumption is more than was previously billed).

The compound interest payable on the reconciliation amount is calculated by formula and individual amounts of such interest are aggregated for a supplier for a

single settlement day and included on the bill. Consumption for all settlement days received during the financial period is included on the bill.

3 HALF HOURLY USE OF SYSTEM CHARGING DEFINITIONS AND EXPLANATORY NOTES

3.1 Charging Definitions

3.1.1 Year of Use

Year of Use means the period of twelve consecutive months from 1st April to the following 31st March.

3.1.2 Month

For half-hourly metered sites month means a calendar month.

A normal meter reading should be received for each month of the Year of Use.

3.1.3 Maximum Capacity

The amount of electricity expressed, in kVA, at the delivery point provided by SP Manweb.

3.1.4 Chargeable Capacity

Chargeable Capacity is whichever is the higher of the following:

- Maximum Capacity (in kVA)
- the kVA of Maximum Demand at the delivery point.

Where the Chargeable Capacity exceeds the Maximum Capacity SP Manweb reserve the right to re-declare the Maximum Capacity.

3.1.5 kVA of Maximum Demand – Import

kVA of Maximum Demand means twice the greatest number of kilovolt-ampere-hours taken during any thirty consecutive minutes in the relevant period. This may be calculated using the following formula:

$$kVAMD = 2 \times \sqrt{(ActiveImport)^2 + (ReactiveImport)^2}$$

where;

kVAMD:	kVA of Maximum Demand
ActiveImport:	kWh of Active Import at Maximum Demand
ReactiveImport:	kVArh of Reactive import at Maximum Demand

The Maximum Demand in the month is calculated on a half hourly basis.

For sites with generation the maximum import in the month is calculated on a half hourly basis where Active Import is not equal to 0 and Active Export = 0, the following calculation is used: -

$$kVAMD = 2 \times \sqrt{(ActiveImport)^2 + (NetReactive)^2}$$

where:
NetReactive: Reactive Import – Reactive Export
For all other scenarios no calculation would be carried out in that particular half hour.

3.1.6 Reactive Charges- Import

Chargeable Reactive Units (kVArh) is the total kilovolt-amperes-reactive-hours in excess of the number obtained by multiplying the total kilowatt hours registered during the month by 0.33.

The following calculation is used to determine the Chargeable Reactive Units in the month:

$$ChargeableReactiveUnits = ReactiveImport - (0.33 \times ActiveImport)$$

where:

ReactiveImport:	Total reactive import consumption
ActiveImport:	Total active import consumption

If the result is positive then the charge will be the Chargeable Reactive Units × Charge Rate. If the result is negative then there will be no charge.

For sites with generation the Import Chargeable Reactive Units will be calculated as follows:

In each half hour where Active Import is not equal to 0 and Active Export = 0, the following calculation is used: -

$$ChargeableReactiveUnits = NetReactiveImport - (0.33 \times ActiveImport)$$

where:
NetReactiveImport: Reactive Import – Reactive Export

For all other scenarios, no calculation will be carried out for that half hour, which would result in a 0.

The results for each half hour in the month are summated. Where the answer is positive then the charge will be Import Chargeable Reactive Units × Charge Rate. If the result is negative no charge will apply.

3.1.7 Kilowatts of demand

Twice the number of kilowatt-hours supplied in any automatic resetting period of thirty consecutive minutes.

3.1.8 kWh

kWh means one kilowatt-hour.

3.2 Explanatory Notes

3.2.1 Capacity Management

Where the Maximum Capacity is re-declared during the Year of Use, the existing Maximum Capacity will be updated to reflect the re-declared value. The re-declared value will be chargeable for any Billing Period or part of a Billing Period during which the revised value became effective.

Requests to increase or decrease Maximum Capacity need to be submitted formally to SPManweb. No reduction in Maximum Capacity will normally be permitted for a period of 5 years from the date that the capacity was first made available at the premises, or from the date at which a change in capacity (involving expenditure by SP Manweb) was provided.

Subject to the above, reductions in Maximum Capacity will normally be permitted at intervals of not less than one year, providing that at least 28 days prior written notice of such a change has been given to SP Manweb.

3.2.2 Change of Supplier

A supplier is responsible for all DUoS charges up to the time another supplier registers the site. The change of supplier meter readings will be used when determining the DUoS charges for the outgoing supplier.

A change of supplier does not affect the definition of Chargeable Capacity.

3.2.3 Change of Tenancy

On change of tenancy the new customer may if appropriate reduce the Maximum Capacity required. Any reduction in the Maximum Capacity will only be retrospectively applied up to a maximum of 3 months from the date of any such request. All requests must be received in writing from the new customer to SP Manweb and are subject to approval by SP Manweb.

3.2.4 Periods of de-energisation

DUoS Charges will not be applied during periods of de-energisation.

3.2.5 Disconnection

DUoS Charges will not be applied after a site is disconnected.

4 GENERATOR USE OF SYSTEM CHARGING DEFINITIONS AND EXPLANATORY NOTES

4.1 Charging Definitions

4.1.1 Year of Use

Year of Use means the period of twelve consecutive months from 1st April to the following 31st March.

4.1.2 Month

For half-hourly metered sites month means a calendar month.

A normal meter reading should be received for each month of the Year of Use.

4.1.3 Maximum Capacity

The amount of electricity expressed, in kVA, at the delivery point provided by the SP Manweb.

4.1.4 Chargeable Capacity

Chargeable Capacity is whichever is the higher of the following:

- Maximum Capacity (in kVA)
- the kVA of Maximum Export at the delivery point.

Where the Chargeable Capacity exceeds the Maximum Capacity SP Manweb reserve the right to re-declare the Maximum Capacity.

4.1.5 kVA of Maximum Export

kVA of Maximum Export means twice the greatest number of kilovolt-ampere-hours exported during any thirty consecutive minutes in the relevant period. This will be calculated using the following formula:

$$kVAMD = 2 \times \sqrt{(ActiveExport)^2 + (NetReactive)^2}$$

where;

kVAMD:	kVA of Maximum Demand
ActiveExport:	kWh of Active Export at Maximum Export
NetReactive:	Reactive Import – Reactive Export

The maximum export in the month is calculated on a half hourly basis where Active Export is not equal to 0 and Active Import = 0.

For all other scenarios no calculation would be carried out in that particular half hour.

4.1.6 Reactive Charges

Chargeable Reactive Units (kVArh) is the net kilovolt-amperes-reactive-hours imported in excess of the number obtained by multiplying the total kilowatt hours exported during the month by 0.33.

The following calculation is used to determine the Export Chargeable Reactive Units in each half hour:

$$ChargeableReactiveUnits = NetReactive - (0.33 \times ActiveExport)$$

where:

NetReactive:	Reactive Import – Reactive Export
ActiveExport:	Total active export consumption

Where Active Export is not equal to 0 and Active Import = 0, the previous formula is used.
For all other scenarios, no calculation will be carried out for that half hour, which would result in a 0.

The results for each half hour in the month are summated. Where the answer is positive then the charge will be Export Chargeable Reactive Units × Charge Rate. If the result is negative then no charge will apply.

4.2 Explanatory Notes

4.2.1 Capacity Management

Where the Maximum Capacity is re-declared during the Year of Use, the existing Maximum Capacity will be updated to reflect the re-declared value. The re-declared value will be chargeable for any Billing Period or part of a Billing Period during which the revised value became effective.

Requests to increase or decrease Maximum Capacity need to be submitted formally to SP Manweb. No reduction in Maximum Capacity will normally be permitted for a period of 5 years from the date that the capacity was first made available at the premises, or from the date at which a change in capacity (involving expenditure by SP Manweb) was provided.

Subject to the above, reductions in Maximum Capacity will normally be permitted at intervals of not less than one year, providing that at least 28 days prior written notice of such a change has been given to SP Manweb.

4.2.2 Change of Supplier

A supplier is responsible for all DUoS charges up to the time another supplier registers the site. The change of supplier meter readings will be used when determining the DUoS charges for the outgoing supplier.

A change of supplier does not affect the definition of Chargeable Capacity.

4.2.3 Change of Ownership

On change of ownership the new customer may if appropriate reduce the Maximum Capacity required. Any reduction in the Maximum Capacity will only be retrospectively applied up to a maximum of 3 months from the date of any such request. All requests must be received in writing from the new customer to SP Manweb and are subject to approval by SP Manweb.

4.3 Network Unavailability Rebates

For generators that are due network unavailability rebates, these will be calculated as follows: -

Network Unavailability Rebates = £20 per MW of installed capacity × total duration of relevant interruptions (in hours). Subject to a maximum value of the annual use of system charges for the generator and a minimum value of £50.

5 COMPETITIVE SUPPLY MARKET INFRASTRUCTURE

The following are the categories of service which SP Distribution/SP Manweb is required under its Distribution Licence to provide to AEO's in support of a competitive supply market and for which SP Manweb is remunerated either wholly or partly through use of system charges, or through the transaction charges set out in Schedules 4 to 5 attached. Suppliers will be expected to behave reasonably in relation to the use of associated services for transaction charges.

The services include: -

- Radio teleswitch services
- Other services ancillary to use of system

SCHEDULE 1 - CHARGES FOR USE OF THE DISTRIBUTION SYSTEM

Table 1: DUoS and GDUoS Tariff Charges

Table 2: DUoS Tariff Look Up Table (for conversion of LLFCs to DUoS tariffs, and for identification of valid profile class, MTC and SSC combinations)

Table 3: Conditions

TABLE 1 – DUoS and GDUoS Charges

No.	Tariff Description	LLFC	Market	PC	Fixed Charges		Unit Charges		Capacity Charge (p/kVA/day)	Reactive Power Charge (p/kVArh)
					Fixed Charge 1 (p/MPAN/day)	Fixed Charge 2 (p/site/day)	Day Unit Charge (p/kWh)	Night Unit Charge (p/kWh)		
T01	Domestic Unrestricted	101, 102	NHH - import	1	3.93		1.48			
T02	Domestic Heating	111, 131, 133, 147, 149, 112, 132, 134, 148, 150, 113, 114, 115, 116, 119, 120, 145, 146, 103, 105, 117	NHH - import	2	4.64		1.63	0.53		
T03	Domestic Control	104, 106, 153, 138, 143, 236	NHH - import	2&4			0.53			
T04	Metered Cyclocontrol	155	NHH - import	2	4.64		0.93			
T05	Off Peak A	135, 140, 233	NHH - import	2&4			0.99			
T06	Off Peak C	136, 141, 234	NHH - import	2&4			0.67			
T07	Off Peak D	137, 142, 235, 237	NHH - import	2&4			0.93			
T08	Business Single Rate, LVN & LVS	201, 202, 207	NHH - import	3	8.92		1.41			
T09	Business Two Rate, LVN & LVS	205, 231, 232, 210, 208, 211	NHH - import	4	14.96		1.55	0.37		
T10	Business Peak, LVN & LVS	203, 209	NHH - import	3	8.92		1.41	1.41		
T11	Business Control, Credit, LVN	212	NHH - import	4			0.37			
T12	Business MD, LVN	401, 402	NHH LVN - import	5-8	51.91		1.23	0.24		
T13	Business MD, LVS	403, 404	NHH LVS - import	5-8	37.44		1.27	0.20		
T14	Business MD, HVN	405	NHH HV - import	5-8	566.84		0.81	0.13	1.18	0.29
M16	Business HH, LVN	501	HH LVN - import	0	29.08		1.05	0.19	1.72	0.29
M17	Business HH, LVS	503	HH LVS - import	0	19.40		1.07	0.18	0.64	0.29
M26	Business HH, LVN	511	HH LVN - import	0	29.08		1.05	0.19	1.72	0.29
M27	Business HH, LVS	513	HH LVS - import	0	19.40		1.07	0.18	0.64	0.29
M36	Business HH, LVN Generator import	591	HH LVN - import	0	29.08		1.05	0.19	1.72	0.29
M37	Business HH, LVS Generator import	592	HH LVS - import	0	19.40		1.07	0.18	0.64	0.29
M18	Business HH, HVN	505	HH HVN - import	0	566.84		0.81	0.13	1.18	0.19

No.	Tariff Description	LLFC	Market	PC	Fixed Charges		Unit Charges		Capacity Charge (p/kVA/day)	Reactive Power Charge (p/kVArh)
					Fixed Charge 1 (p/MPAN/day)	Fixed Charge 2 (p/site/day)	Day Unit Charge (p/kWh)	Night Unit Charge (p/kWh)		
M19	Business HH, HVS	507	HH HVS - import	0	19.40		0.61	0.08	0.41	0.19
M28	Business HH, HVN	515	HH HVN - import	0	566.84		0.81	0.13	1.18	0.19
M29	Business HH, HVS	517	HH HVS - import	0	19.40		0.61	0.08	0.41	0.19
M38	Business HH, HVN Generator import	593	HH HVN - import	0	566.84		0.81	0.13	1.18	0.19
M39	Business HH, HVS Generator import	594	HH HVS - import	0	19.40		0.61	0.08	0.41	0.19
T15	UMS, good inventory	900, 901, 902, 903, 910, 912	NHH - UMS	1&8	0.44		1.69			
T16	UMS, poor inventory	904, 905, 906, 907, 913	NHH - UMS	1&8	0.44		1.94			
	132kV connected	801+	HH EHV - import	0	848.78	Site specific			0.88	0.12
	33kV connected	801+	HH EHV - import	0	848.78	Site specific			2.42	0.12
	LV connected generators with non-half-hourly metering		NHH - export	1-8					0.00	0.00
E01	LVN connected generators pre April 05	795	HH LVN - export	0						0.29
E02	LVS connected generators pre April 05	796	HH LVS - export	0						0.29
E05	LVN connected generators post April 05	791	HH LVN - export	0						0.29
E06	LVS connected generators post April 05	792	HH LVS - export	0						0.29
E03	HVN connected generators pre April 05	797	HH HVN - export	0						0.19
E04	HVS connected generators pre April 05	798	HH HVS - export	0						0.19
E07	HVN connected generators post April 05	793	HH HVN - export	0					0.41	0.19
E08	HVS connected generators post April 05	794	HH HVS - export	0					0.41	0.19
	EHV connected generators ANGLESEY	601+	HH EHV - export	0		Site specific			4.05	0.12
	EHV connected generators NORTH WALES EXCLUDING ANGLESEY	601+	HH EHV - export	0		Site specific			1.93	0.12
	EHV connected generators MID WALES	601+	HH EHV - export	0		Site specific			1.08	0.12
	EHV connected generators MERSEYSIDE, CHESHIRE ETC	601+	HH EHV - export	0		Site specific			1.01	0.12

TABLE 2 – DUoS Tariff Look Up Table

LLFC Id	Profile Class	DUoS Tariff	LLFC Description	Meter Timeswitch Code	Standard Settlement Configuration	Unit Rate 1		Unit rate 2		Special Conditions
						TPR	Switching Regime	TPR	Switching Regime	
DOMESTIC CODES										
101	1	T01	Domestic single rate credit	500.501.801.802	393	1	24 hours	---	---	
102	1	T01	Domestic single rate prepayment	510.511.838.840	393	1	24 hours	---	---	
103	2	T02	Domestic day/night credit	546	787.789.791	13083.13086.13089	0730-0030 GMT	13082.13085.13088	0030-0730 GMT	
104	2	T03	Domestic control credit	547	788	13084	dynamic control	---	---	
				550	790	13087	dynamic control	---	---	
				551	792	13090	dynamic control	---	---	
105	2	T02	Domestic day/night prepayment	548	787.789.791	13083.13086.13089	0730-0030 GMT	13082.13085.13088	0030-0730 GMT	
106	2	T03	Domestic control prepayment	549	788	13084	dynamic control	---	---	
				552	790	13087	dynamic control	---	---	
				553	792	13090	dynamic control	---	---	
111	2	T02	Domestic E7 standard credit	811.812	151	43	0730-0030 GMT	210	0030-0730 GMT	
				814.815	187	1325	0730-0030 GMT	1324	0030-0730 GMT	
112	2	T02	Domestic E7 standard prepayment	2.4	151	43	0730-0030 GMT	210	0030-0730 GMT	
				6.8	187	1325	0730-0030 GMT	1324	0030-0730 GMT	
113	2	T02	TwinHeat A credit	50.52	445	1406	0700-1330,1630-0300	1407	0300-0700,1330-1630	
114	2	T02	TwinHeat A prepayment	51.53	445	1406	0700-1330,1630-0300	1407	0300-0700,1330-1630	
115	2	T02	TwinHeat B credit	54.56	446	1408	0100-1200,1500-2100	1409	2100-0100,1200-1500	
116	2	T02	TwinHeat B prepayment	55.57	446	1408	0100-1200,1500-2100	1409	2100-0100,1200-1500	

LLFC Id	Profile Class	DUoS Tariff	LLFC Description	Meter Timeswitch Code	Standard Settlement Configuration	Unit Rate 1		Unit rate 2		Special Conditions
						TPR	Switching Regime	TPR	Switching Regime	
117	2	T02	Domestic Economy 10 credit	58	939	396	0030-0430,0730-1300	395	0430-0730,1300-1600	
							1600-2030		2030-0030	
119	2	T02	Option 14 credit	17.19	79	164	0800-1300,1600-2100	97	2100-0800,1300-1600	
120	2	T02	Option 14 prepayment	18.20	79	164	0800-1300,1600-2100	97	2100-0800,1300-1600	
131	2	T02	Menter A credit	29.31	255	1321	0730-0030 GMT	1320	0030-0730 GMT	preserved
132	2	T02	Menter A prepayment	30.32	255	1321	0730-0030 GMT	1320	0030-0730 GMT	preserved
133	2	T02	Menter B credit	25.27	254	1317	0730-0030 GMT	1316	0030-0730 GMT	preserved
134	2	T02	Menter B prepayment	26.28	254	1317	0730-0030 GMT	1316	0030-0730 GMT	preserved
135	2	T05	Off peak A credit	524.526	57	119	10 hours + 2 hours	---	---	preserved
136	2	T06	Off peak C credit	516.518	270	196	8 hours	---	---	preserved
137	2	T07	Off peak D credit	528.530	35	150	8 hours + 3 hours	---	---	preserved
138	2	T03	Off peak E credit	512.514	251	210	7 hours	---	---	preserved
140	2	T05	Off Peak A prepayment	525.527	57	119	10 hours + 2 hours	---	---	preserved
141	2	T06	Off Peak C prepayment	517.519	270	196	8 hours	---	---	preserved
142	2	T07	Off Peak D prepayment	529.531	35	150	8 hours + 3 hours	---	---	preserved
143	2	T03	Off Peak E prepayment	513.515	251	210	7 hours	---	---	preserved
145	2	T02	White Meter 8 credit	13.15	257	57	0800-2400 GMT	196	0000-0800 GMT	preserved
146	2	T02	White Meter 8 prepayment	14.16	257	57	0800-2400 GMT	196	0000-0800 GMT	preserved
147	2	T02	System 3 credit	39	130	1308.1309	0730-0030 GMT	1310	0030-0730 GMT	preserved
				41	131	1311.1312	0730-0030 GMT	1313	0030-0730 GMT	preserved
148	2	T02	System 3 prepayment	40	130	1308.1309	0730-0030 GMT	1310	0030-0730 GMT	preserved

LLFC Id	Profile Class	DUoS Tariff	LLFC Description	Meter Timeswitch Code	Standard Settlement Configuration	Unit Rate 1 TPR	Unit Rate 1 Switching Regime	Unit rate 2 TPR	Unit rate 2 Switching Regime	Special Conditions
				42	131	1311.1312	0730-0030 GMT	1313	0030-0730 GMT	preserved
149	2	T02	Hightown credit	39	130	1308.1309	0730-0030 GMT	1310	0030-0730 GMT	preserved
				41	131	1311.1312	0730-0030 GMT	1313	0030-0730 GMT	preserved
150	2	T02	Hightown prepayment	40	130	1308.1309	0730-0030 GMT	1310	0030-0730 GMT	preserved
				42	131	1311.1312	0730-0030 GMT	1313	0030-0730 GMT	preserved
153	2	T03	Heatcare credit	544	123.124.125.396	1307.1319.1315.1323	variable	---	---	preserved
155	2	T04	Metered Cyclocontrol	528.53	35	150	to balance network	---	---	preserved
BUSINESS QUARTERLY										
201	3	T08	Business 1rate credit LV net	500.501.801.802	393	1	24 hours	---	---	
202	3	T08	Business 1rate prepaymt LV net	510.511.838.840	393	1	24 hours	---	---	
203	3	T10	Business peak credit LV net	33.34	122	201	24 hours	245	24 hours	preserved
205	4	T09	Business STOD credit LV net	43.44	129	169.202	0730-0030 or	222	0030-0730 or	
							0630-2330 GMT		2330-0630 GMT	
207	3	T08	Business 1rate credit LV sub	500.501.801.802	393	1	24 hours	---	---	preserved
208	4	T09	Business E7 credit LV sub	9.11	349	50	0730-0030 or	222	0030-0730 or	preserved
				811.812	151	43	0630-2330 GMT	210	2330-0630 GMT	preserved
209	3	T10	Business peak credit LV sub	33.34	122	201	24 hours	245		preserved
210	4	T09	Business STOD credit LV sub	45.46	136	124.202.246	0730-0030 or	222	0030-0730 or	
							0630-2330 GMT		2330-0630 GMT	
211	4	T09	Business day/night credit LV net	546	787.789.791	13083.13086.13089	0730-0030 GMT	13082.13085.13088	0030-0730 GMT	
212	4	T11	Business control credit LV net	547	788	13084	variable	---	---	
				550	790	13087	variable	---	---	
				551	792	13090	variable	---	---	
231	4	T09	Business E7 credit LV net	9.11	349	50	0730-0030 or	222	0030-0730 or	

LLFC Id	Profile Class	DUoS Tariff	LLFC Description	Meter Timeswitch Code	Standard Settlement Configuration	Unit Rate 1 TPR	Unit Rate 1 Switching Regime	Unit rate 2 TPR	Unit rate 2 Switching Regime	Special Conditions
				811.812	151	43	0630-2330 GMT	210	2330-0630 GMT	
232	4	T09	Business E7 prepayment LV net	10.12	349	50		222		
233	4	T05	Off peak A credit	524.526	57	119	10 hours + 2 hours	---	---	preserved
234	4	T06	Off peak C credit	516.518	270	196	8 hours	---	---	preserved
235	4	T07	Off peak D credit	528.530	35	150	8 hours + 3 hours	---	---	preserved
236	4	T03	Off peak E credit	512.514	251	210	7 hours	---	---	preserved
237	4	T07	Off peak S credit	520.522	3	166	8 hours + 3 hours	---	---	preserved
BUSINESS MAXIMUM DEMAND										
401	5 to 8	T12	Business MD LV net	9.11	349	50	0630-2330	222	2330-0630	
402	5 to 8	T12	Business MD STOD LV net	45.46	136	124.202.246	0630-2330	222	2330-0630	
403	5 to 8	T13	Business MD LV sub	9.11	349	50	0630-2330	222	2330-0630	
404	5 to 8	T13	Business MD STOD LV sub	45.46	136	124.202.246	0630-2330	222	2330-0630	
405	5 to 8	T14	Business MD HV net	9.11	349	50	0630-2330	222	2330-0630	preserved
BUSINESS HALF HOURLY										
501	none	M16	Business HH LV net	845 to 856	none	---	0630-2330	---	2330-0630	preserved
503	none	M17	Business HH LV sub	845 to 856	none	---	0630-2330	---	2330-0630	preserved
505	none	M18	Business HH HV net	845 to 856	none	---	0630-2330	---	2330-0630	preserved
507	none	M19	Business HH HV sub	845 to 856	none	---	0630-2330	---	2330-0630	preserved
511	none	M26	Business HH LV net	845 to 856	none	---	0630-2330	---	2330-0630	
513	none	M27	Business HH LV sub	845 to 856	none	---	0630-2330	---	2330-0630	
515	none	M28	Business HH HV net	845 to 856	none	---	0630-2330	---	2330-0630	
517	none	M29	Business HH HV sub	845 to 856	none	---	0630-2330	---	2330-0630	
591	none	M36	Bus HH LV net Generator Import	845 to 856	none	---	0630-2330	---	2330-0630	
592	none	M37	Bus HH LV sub Generator Import	845 to 856	none	---	0630-2330	---	2330-0630	
593	none	M38	Bus HH HV net Generator Import	845 to 856	none	---	0630-2330	---	2330-0630	
594	none	M39	Bus HH HV sub Generator Import	845 to 856	none	---	0630-2330	---	2330-0630	

LLFC Id	Profile Class	DUoS Tariff	LLFC Description	Meter Timeswitch Code	Standard Settlement Configuration	Unit Rate 1		Unit rate 2		Special Conditions
						TPR	Switching Regime	TPR	Switching Regime	
GENERATION SITE SPECIFIC										
601+			sites to be identified individually							
SITE SPECIFIC EHV										
801+			sites to be identified individually							
UNMETERED										
900	8	T15	UMS flat, good inv	502.857	428	259	0600-2200	258	0000-0600, 2200-2400	
901	1	T15	UMS dusk to dawn, good inv	504.859	429	261	0900-1900	260	0000-0900, 1900-2400	
902	1	T15	UMS half nt+pre dawn, good inv	505.860	430	265	0100-0500, 0900-1600	264	0000-0100, 0500-0900, 1600-2400	
903	1	T15	UMS dawn to dusk, good inv	503.858	431	263	0400-1600	262	0000-0400, 1600-2400	
904	8	T16	UMS flat, poor inv	502.857	428	259	0600-2200	258	0000-0600, 2200-2400	
905	1	T16	UMS dusk to dawn, poor inv	504.859	429	261	0900-1900	260	0000-0900, 1900-2400	
906	1	T16	UMS half nt+pre dawn, poor inv	505.860	430	265	0100-0500, 0900-1600	264	0000-0100, 0500-0900, 1600-2400	
907	1	T16	UMS dawn to dusk, poor inv	503.858	431	263	0400-1600	262	0000-0400, 1600-2400	
910	none	T15	UMS pseudo HH, good inv	863	none	---	---	---	---	
912	8	T15	UMS Cyclocontrol, good inv	502.857	428	259	0600-2200	258	0000-0600, 2200-2400	preserved
913	8	T16	UMS Cyclocontrol, poor inv	502.857	428	259	0600-2200	258	0000-0600, 2200-2400	preserved
TRACTION RAIL										
921+			identified individually							

TABLE 3 – Conditions – DUoS Tariffs

DUoS Tariffs - Domestic

The Domestic group of tariffs is available for supplies of electricity for use exclusively for domestic purposes in a private residence.

Other supplies that may be treated as Domestic are:

1. A separately metered supply of electricity for domestic purposes in a detached garage.

2. Residential accommodation (e.g. boarding houses, children or old people's homes, nurses' residences), which have ten or less assessable rooms.

3. Staircase lighting in residential accommodation either:

   a) Provided by the landlord who is a part occupier of the premises and has a personal domestic supply, or

   b) Separately metered and provided by the landlord who is not an occupier of the premises.

4. Separately metered communal services in residential accommodation where the total installed load does not exceed 5kW.

Where the supply of electricity is used partly for domestic purposes and partly for the purposes of or in connection with any trade, business or profession (including farming), a business tariff will apply.

TARIFF	LLFC	CONDITIONS	NOTES
Domestic Unrestricted, T01	101, 102	All units charged at the same rate.	
Domestic Heating (E7), T02	111, 131, 133, 147, 149, 112, 132, 134, 148, 150	7 consecutive hours at "night" rate available between 12.00 midnight and 8.00am. All other times charged at higher rate.	GMT See Footnote 1
Domestic Heating Option 14, T02	119, 120	3 hours at "low" rate available from 1.00pm to 4.00pm and 11 hours from 9.00pm to 8.00am. All other times charged at higher rate.	Clock Time See Footnote 1
Domestic Heating Twinheat, T02	113, 114, 115, 116	7 hours at "low" rate from 9.00pm to 1.00am and 12.00 noon to 3.00pm OR from 3.00am to 7.00am and 1.30pm to 4.30pm. All other times charged at higher rate.	Clock Time See Footnote 1
Domestic Day/night, Domestic control, T02/03	103, 104, 105, 106	7 consecutive hours at "night" rate between 00.30am and 07.30am. Remaining hours on "day" rate. Controlled circuit variable hours according to weather. These two regimes must be taken together. Two supply numbers will be allocated.	GMT

TARIFF	LLFC	CONDITIONS	NOTES
Domestic Economy 10, T02	117	10 hours at "low" rate from 4.30am to 7.30am, 1.00pm to 4.00pm and 8.30pm to 12.30am. All other times charged at higher rate.	Clock Time

DUoS Tariffs - Business

Available where a Domestic DUoS Tariff does not apply.

TARIFF	LLFC	CONDITIONS	NOTES
Business LV Network Single Rate, T08	201, 202	For supplies from the Low Voltage Network, where a single rate supply tariff applies. Available to customers with a capacity of less than 45kVA.	
Business LV Network Two Rate, T09	205, 231, 232	For supplies from the Low Voltage Network, with a multi-rate supply tariff. where the night period is 11.30pm to 6.30am or 12.30am to 7.30am. Available to customers with a capacity of less than 45kVA.	GMT
Business day/night and Control, T09/11	211, 212	7 consecutive hours at "night" rate between 00.30am and 07.30am. Remaining hours on "day" rate. Controlled circuit variable hours according to weather. These two regimes must be taken together. Two supply numbers will be allocated. Available to customers with a capacity of less than 45kVA.	GMT
Business LV Network MD T12	401, 402	For supplies from the Low Voltage Network, with a non half-hourly metered monthly tariff where the "night" period is from 11.30pm to 6.30am.	GMT
Business LV Substation MD, T13	403, 404	For Substation Supplies at Low Voltage, with a HV transformer on site, and with a non half-hourly metered monthly tariff where the night period is from 11.30pm to 6.30am and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb secure rights a licence to occupy the substation accommodation to SP Manweb's satisfaction.	GMT
Business MD, HVN, T14	405	For supplies from the High Voltage Network, with a non half-hourly metered monthly tariff where the "night" period is from 11.30pm to 6.30am.	GMT

TARIFF	LLFC	CONDITIONS	NOTES
Business HH LV Network, M26/M36	511, 591	For supplies from the Low Voltage Network, with a monthly tariff where the "night" rate is from 11.30pm to 6.30am. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff. M36 - generator import tariff.	GMT
Business HH LV Substation M27/M37	513, 592	For Substation Supplies at Low Voltage, with a HV transformer on site, and with a monthly tariff where the "night" rate is from 11.30pm to 6.30am and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb secure rights to occupy the substation accommodation to SP Manweb's satisfaction. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff. M37 – generator import tariff.	GMT
Business HH HV Network M28/M38	515, 593	For supplies from the High Voltage Network, with a monthly tariff where the "night" rate is from 11.30pm to 6.30am. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff. M38 – generator import tariff.	GMT
Business HH HV Substation M29/M39	517, 594	For Substation Supplies at High Voltage, with a 33 kV transformer on site, and with a monthly tariff where the "night" rate is from 11.30pm to 6.30am and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb secure rights to occupy the substation accommodation to SP Manweb's satisfaction. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff. M39 – generator import tariff.	GMT

TARIFF	LLFC	CONDITIONS	NOTES
Unmetered Good Inventory, T15	900, 901, 902, 903, 910	Available for unmetered supplies whose pattern of use is reasonably predictable, for which a detailed and accurate inventory of connected equipment is provided.	
Unmetered Poor Inventory, T16	904, 905, 906, 907	Available for unmetered supplies whose pattern of use is reasonably predictable, for which a detailed and accurate inventory is not provided.	

DUoS Tariffs – Preserved

Tariffs no longer available to new connections:

TARIFF	LLFC	CONDITIONS	NOTES
White Meter 8, T02	145, 146	8 consecutive hours at "night" rate between 11.00pm and 9.00am. All other times charged at higher rate.	Preserved GMT
Off Peak A, T05	135, 140, 233	Must be taken with Domestic Single Rate or Business LV Network Single Rate Tariff. Available for approximately 10 hours between 7.00pm and 7.00am, and for a further 2 hours from 1.30pm to 3.30pm	Preserved GMT
Off Peak C, T06	136, 141, 234	Must be taken with Domestic Single Rate or Business LV Network Single Rate tariff. Available for approximately 8 hours between 10.00pm and 9.30am.	Preserved GMT
Off Peak D, T07	137, 142, 235	Must be taken with Domestic Single Rate or Business LV Network Single Rate tariff. Available for 7 or 8 hours at night and 3 hours during the day according to the following criteria: either a) 8 hours 11.00pm - 7.00am or b) 7 hours 1.30am - 8.30am and, in addition either c) 3 hours 1.30pm - 4.30pm or d) 3 hours split 11.30am - 1.00pm and 3.00pm - 4.30pm	Preserved GMT
Off Peak E, T03	138, 143, 236	Must be taken with Domestic Single Rate or Business LV Network Single Rate tariff. Available for approximately 7 hours between 10.00pm and 9.30am.	Preserved GMT
Off Peak S, T07	237	Must be taken with Domestic Single Rate or Business LV Network Single Rate tariff. Available for approximately 10 hours between 7.30pm and 7.30am.	Preserved GMT
Business LV Substation Single Rate, T08	207	For Substation Supplies at Low Voltage, with a HV transformer on site, and where a single rate supply tariff applies and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb secure rights to occupy the substation accommodation to SP Manweb's satisfaction. Available to customers with a capacity of less than 45 kVA.	Preserved

TARIFF	LLFC	CONDITIONS	NOTES
Business HV Network MD, T14	405	For supplies from the High Voltage Network, with a non half-hourly metered monthly tariff where the "night" rate is from 11.30pm to 6.30am.	Preserved GMT
Business LV Substation Two Rate, T09	208, 210	For Substation Supplies at Low Voltage, with a HV transformer on site, and with a multi-rate supply tariff where the night period is 11.30pm to 6.30am or 12.30am to 7.30am, and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb a licence secure rights to occupy the substation accommodation to SP Manweb's satisfaction. Available to customers with a capacity of less than 45kVA.	Preserved GMT
Business HH LV Network , M16	501	For supplies from the Low Voltage Network, with a monthly tariff where the "night" rate is from 11.30pm to 6.30am. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff.	Preserved GMT
Business HH LV Substation ,M17	503	For Substation Supplies at Low Voltage, with a HV transformer on site, with a monthly tariff where the "night" rate is from 11.30pm to 6.30am and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb secure rights to occupy the substation accommodation to SP Manweb's satisfaction. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff.	Preserved GMT
Business HH HV Network , M18	505	For supplies from the High Voltage Network, with a monthly tariff where the "night" rate is from 11.30pm to 6.30am. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff.	Preserved GMT

TARIFF	LLFC	CONDITIONS	NOTES
Business HH HV Substation , M19	507	For Substation Supplies at High Voltage with a 33kV transformer on site, with a monthly tariff where the "night" rate is from 11.30pm to 6.30am and where the substation accommodation is provided, owned and maintained by the customer, at their expense, to SP Manweb's requirements and the customer has granted SP Manweb secure rights to occupy the substation accommodation to SP Manweb's satisfaction. Mandatory for customers with a maximum demand of 100kW and above. Customers with maximum demand of less than 100kW can elect to go on this tariff.	Preserved GMT
Unmetered (Cyclocontrol), T15,16	912, 913	Domestic supplies from LV Network where heating is provided by controlled circuit. Times of availability are determined by local distribution network conditions.	Preserved

SCHEDULE 2 – METERING FUNCTIONALITY AND DATA REQUIREMENTS

DUoS Tariff	LLFC	Application	Metering Functionality	Meter Reading Frequency	Time for Provision of Data to Distributor
T01	101	single phase or polyphase supply to domestic property - credit	kWh total	quarterly [1]	Supercustomer
T01	102	single phase or polyphase supply to domestic property - prepayment	kWh total	quarterly [1]	Supercustomer
T02	111, 131, 133, 147, 149, 113, 115, 119, 145	single phase or polyphase supply to domestic property - credit	kWh rate 1 [2] kWh rate 2	quarterly [1]	Supercustomer
T02	112, 132, 134, 148, 150, 114, 116, 120, 146	single phase or polyphase supply to domestic property - prepayment	kWh rate 1 [2] kWh rate 2	quarterly [1]	Supercustomer
T02, T03	103, 104	Single phase or polyphase supply to domestic property – credit with separately wired circuit	kWh rate 1 [2] kWh rate 2 kWh rate 3	quarterly [1]	Supercustomer
T02, T03	105, 106	Single phase or polyphase supply to domestic property – prepayment with separately wired circuit	kWh rate 1 [2] kWh rate 2 kWh rate 3	quarterly [1]	Supercustomer
T03, T04, T05, T06, T07	135, 233, 136, 234, 137, 235, 138, 236, 237, 153, 155	Off Peak separately wired circuit - credit	kWh total	quarterly [1]	Supercustomer
T03, T04, T05, T06, T07	140, , 141, , 142, , 143,	Off Peak separately wired circuit - prepayment	kWh total	quarterly [1]	Supercustomer
T08	201	single phase or polyphase supply to business from LV network taking less than 45kVA - credit	kWh total	quarterly [1]	Supercustomer
T08	202	single phase or polyphase supply to business from LV network taking less than 45kVA - prepayment	kWh total	quarterly [1]	Supercustomer
T09, T10	205, 231, 203	single phase or polyphase supply to business from LV network taking less than 45kVA - credit	kWh rate 1 [2] kWh rate 2	quarterly [1]	Supercustomer
T09	232	single phase or polyphase supply to business from LV network taking less than 45kVA - prepayment	kWh rate 1 [2] kWh rate 2	quarterly [1]	Supercustomer
T08	207	supply to a business from an LV substation, taking less than 45kVA	kWh total	quarterly [1]	Supercustomer

DUoS Tariff	LLFC	Application	Metering Functionality	Meter Reading Frequency	Time for Provision of Data to Distributor
T09, T11	210, 208, 209	supply to a business from an LV substation, taking less than 45kVA	kWh rate 1 [2] kWh rate 2	quarterly [1]	Supercustomer
T09, T11	211, 212	Single phase or polyphase supply to business property with separately wired circuit from LV network taking less than 45 kVA– credit	kWh rate 1 [2] kWh rate 2 kWh rate 3	quarterly [1]	Supercustomer
T12	401, 402	supply to a business from the LV network taking less than 100kW	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	monthly	within three working days of meter read
T13	403, 404	supply to a business from an LV substation taking less than 100kW	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	monthly	within three working days of meter read
T14	405	supply to a business from the HV network taking less than 100kW	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	monthly	within three working days of meter read
M16 M26 M36	501, 511, 591	supply to a business from the LV network taking 100kW or more	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	half hourly	within three working days
M17 M27 M37	503, 513, 592	supply to a business from an LV substation, taking 100kW or more	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	half hourly	within three working days

DUoS Tariff	LLFC	Application	Metering Functionality	Meter Reading Frequency	Time for Provision of Data to Distributor
M18 M28 M38	505, 515, 593	supply to a business from the HV network taking 100kW or more	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	half hourly	within three working days
M19 M29 M39	507, 517, 594	supply to a business from an HV substation taking 100kW or more	kWh total kWh rate 1 [2] kWh rate 2 Peak kW (4-7pm Mon - Fri Nov - Feb) 24 hour kW 24 hour kVAr kVArh total	half hourly	within three working days
EHV site specific		supply taken at 33kV or higher	on application	on application	on application
Business maximum demand with on-site generation connected in parallel		supply taken from LV network, LV substation, HV network or HV substation	on application	on application	on application
T15, T16	900, 901, 902, 903, 904, 905, 906, 907, 910, 912, 913	supply covered by a certificate for unmetered supply [3]	on application	on application	on application

[1] quarterly may mean less frequently for sites billed by Supercustomer. Further details available on request.

[2] for tariffs with two or more rates, the timings for each register should match one of the SSC combinations shown in Schedule 1, Table 1. Default tariff codes may be applied, subject to the details given in Table 6, where requests for any other SSC combinations are made.

[3] see 'Unmetered Supplies Procedure' for details.

SCHEDULE 3 - TRANSACTION CHARGES FOR REVENUE PROTECTION SERVICES

Note: The way in which some ancillary services are provided will depend on site-specific requirements and/or supplier instructions. The charges listed here are for the service provided only (meter costs or other equipment to complete the job are excluded) and therefore should be taken as indicative only. All prices exclude VAT.

1	Replace prepayment meter with another	£ 66.00
2	Replace time/teleswitch:	
	if associated with meter replacement	Individually Quoted
	if not associated with meter replacement	£ 66.00
3	Replace credit meter with prepayment meter or like for like: Single phase credit meter	£ 66.00
	Polyphase meter	£ 102.00
	CT meter	Individually Quoted
4	Replace:	
	(a) cut-out	Individually quoted
	(b) meter board	Individually quoted
	(c) terminal cover (if not interference related)	Material Costs only
	(if interference related)	£ 57.00
5	Fit additional security devices	Individually quoted
6	De-energise supply by withdrawal of fuses during normal working hours:	
	normal and no inspection required	£ 24.00
	normal and including inspection	£ 57.00
	for more complex de-energisations	Individually quoted
	re-energisation after RPS de-energisation	£ 24.00
7	Revisit de-energised supply (excluding first visit within 14 days which is provided as part of the standard service)	£ 24.00
8	Revisit customer previously suspected of tampering	
	excluding full inspection	£ 24.00
	including full inspection	£ 57.00
9	Obtain a rights of entry warrant	Individually quoted
10	Provide witnesses for any court proceedings	Individually quoted

SCHEDULE 4 - RADIO TELESWITCHING SERVICES

SP Manweb may provide Radio Teleswitch Services to those who wish to sponsor Group Codes. The charges for these services will be fixed by agreement in each case and will reflect the level of complexity in the proposed arrangements.

SCHEDULE 5 – LOSS ADJUSTMENT FACTORS

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

Adequate supply can be demonstrated either by membership of the Settlement System, or by provision of metering information on the relevant supply and load(s). The table below indicates the factor by which supplies taken from the Grid Supply Point (GSP) 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.

For premises connected at EHV (i.e. connected at or higher than a voltage of 22,000 volts, or at a substation with a primary voltage of 66,000 volts or above), special assessment will determine the loss adjustment factors that are relevant to that particular exit point. In some circumstances, special low loss equipment (such as transformers) may be available and can be included in the connection. Loads with a power factor of less than 0.95 may also require special assessment.

For the purposes of converting metered kWh to a GSP equivalent, the following multipliers are to be used: -

	LV Network Domestic	LV Network Business	LV at Substation	HV Network	HV at Substation
Night	1.055	1.055	1.036	1.022	1.013
Day	1.072	1.072	1.046	1.029	1.017

Definition: *Night 23:30-06:30 (All year)*
Day 06:30-23:30 (All year)

All times quoted are GMT.

The following distribution loss multipliers will normally apply to the generator output provided by embedded generators.

132kV	132kV/33kV	33kV	33kV/11kV	11kV	11kV/LV	LV
1.000	1.005	1.005	1.011	1.011	1.031	1.031