



SP Transmission & Distribution

**STATEMENT OF CHARGES FOR THE USE OF
SP DISTRIBUTION'S SYSTEM**

APPLICABLE FROM 1 APRIL 2006

**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 DISTRIBUTION'S
ELECTRICITY DISTRIBUTION SYSTEM**

TABLE OF CONTENTS

	Page
1 INTRODUCTION	1
1.1 SCOTTISHPOWER COMPANIES.....	1
1.2 METHODOLOGY FOR SETTING USE OF SYSTEM CHARGES.....	1
1.3 THE CONTRACTUAL FRAMEWORK	2
1.4 CONTACT INFORMATION.....	3
2 SUPERCUSTOMER METHODOLOGY FOR USE OF SYSTEM BILLING	5
2.1 SETTLEMENTS PROCESS.....	5
2.2 BILLS, STATEMENTS AND USE OF SYSTEM REPORTS	6
2.2.1 <i>Use of System Reports</i>	6
2.2.2 <i>Statements</i>	6
2.2.3 <i>Bills</i>	6
2.3 RECONCILIATION AND INTEREST	6
3 HALF HOURLY USE OF SYSTEM CHARGING DEFINITIONS AND EXPLANATORY NOTES	7
3.1 CHARGING DEFINITIONS	7
3.1.1 <i>Year of Use</i>	7
3.1.2 <i>Month</i>	7
3.1.3 <i>Maximum Capacity</i>	7
3.1.4 <i>Chargeable Capacity</i>	7
3.1.5 <i>kVA of Maximum Demand</i>	7
3.1.6 <i>Reactive Charges</i>	8
3.1.9 <i>Kilowatts of demand</i>	8
3.1.10 <i>kWh</i>	8
3.2 EXPLANATORY NOTES.....	8
3.2.1 <i>Maximum Capacity</i>	8
3.2.2 <i>Reduction in Maximum Capacity</i>	8
3.2.3 <i>Change of Supplier</i>	9
3.2.4 <i>Change of Tenancy</i>	9
3.2.5 <i>Periods of de-energisation</i>	9
3.2.6 <i>Disconnection</i>	9
4 GENERATOR USE OF SYSTEM CHARGING DEFINITIONS AND EXPLANATORY NOTES 10	
4.1 CHARGING DEFINITIONS	10
4.1.1 <i>Year of Use</i>	10
4.1.2 <i>Month</i>	10
4.1.3 <i>Maximum Capacity</i>	10
4.1.4 <i>Chargeable Capacity</i>	10
4.1.5 <i>kVA of Maximum Demand</i>	10
4.1.6 <i>Reactive Charges</i>	11
4.2 EXPLANATORY NOTES.....	11
4.2.1 <i>Maximum Capacity</i>	11
4.2.2 <i>Reduction in Maximum Capacity</i>	11
4.2.3 <i>Change of Supplier</i>	11
4.2.4 <i>Change of Ownership</i>	12
4.3 NETWORK UNAVAILABILITY REBATES	12
SCHEDULE 1 - CHARGES FOR USE OF THE DISTRIBUTION SYSTEM	13



TABLE 1 - Distribution Use of System & Generator Use of System Charges.....	14
TABLE 2 - Distribution Use of System Look Up Table.....	16
TABLE 3 – CONDITIONS.....	20
SCHEDULE 2 - TRANSACTION CHARGES FOR REVENUE PROTECTION SERVICES	28
SCHEDULE 3 - RADIO TELESWITCHING SERVICES	30
SCHEDULE 4 – SYSTEM LOSS ADJUSTMENT FACTORS	31



1 INTRODUCTION

This statement describes the terms and conditions under which authorised persons may use SP Distribution's distribution system for the purposes of transporting electricity. The statement is prepared by SP Distribution 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 '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 Distribution's Use of System Charges' issued under Condition 4 of the Electricity Distribution Licence.

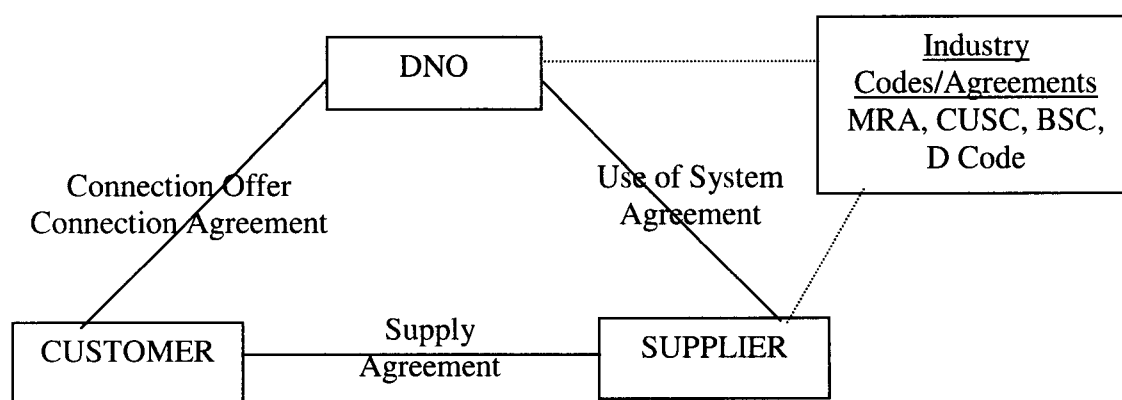
The charges set out in this statement have been prepared in accordance with this methodology as required under paragraph 1(b) of Condition 4A of the Electricity Distribution Licence.



1.3 The Contractual Framework

Users entitled to use SP Distribution'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 Distribution 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 Distribution 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 Distribution'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 Distribution 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 Distribution fail to agree contractual terms, or any variation of contractual terms proposed by SP Distribution, 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 Distribution'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 Distribution no less than 28 days' notice. SP Distribution will normally respond within 28 days of a notification of change.

Terms and conditions for connection of premises or other electrical systems to SP Distribution's electricity distribution system are contained in the Connections Statement, which is available from SP Distribution 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 Distribution'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 Distribution, 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 Gas 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
New Alderston House
Dove Wynd
Strathclyde Business Park
Bellshill
ML4 3FF

Email: commercial@sppowersystems.com

Tel. No. 01698 413491

Fax No. 01698 413062



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 Distribution's authorised area, with SP Distribution'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 Distribution'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 Distribution 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 Distribution 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 Distribution 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 Distribution 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 Distribution 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 Distribution (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 Distribution.

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 Distribution reserve the right to re-declare the Maximum Capacity.

3.1.5 kVA of Maximum Demand

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 from the kW of maximum demand (import) and the kVAr of maximum demand (import).

The maximum in the month is calculated on a half hourly basis using the following calculation: - $2 \times (\text{square root}(\text{Active Import}^2 + \text{Reactive Import}^2))$

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: -

$2 \times (\text{square root} (\text{Active Import}^2 + (\text{Reactive Import} - \text{Reactive Export})^2))$.

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



3.1.6 Reactive Charges

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: -

Total Reactive Import consumption – $(0.33 \times \text{Total Active Import consumption})$.

If the result is positive then the charge will be the Chargeable Reactive Units \times 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: -

$(\text{Reactive Import} - \text{Reactive Export}) - (0.33 \times \text{Active Import})$.

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 \times Charge Rate. If the result is negative no charge will apply.

3.1.9 Kilowatts of demand

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

3.1.10 kWh

kWh means one kilowatt-hour.

3.2 Explanatory Notes

3.2.1 Maximum Capacity

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.

3.2.2 Reduction in Maximum Capacity

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 Distribution

3.2.3 *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.

3.2.4 *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 Distribution and are subject to approval by SP Distribution.

3.2.5 *Periods of de-energisation*

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

3.2.6 *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 Distribution.

4.1.4 *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 Distribution reserve the right to re-declare the Maximum Capacity.

4.1.5 *kVA of Maximum Demand*

kVA of Maximum Demand means twice the greatest number of kilovolt-ampere-hours exported during any thirty consecutive minutes in the relevant period. This will be calculated from the kW of maximum demand (export) and the net kVAr of maximum demand (import - 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, the following calculation is used: -

$$2 \times (\text{square root} (\text{Active Export}^2 + (\text{Reactive Import} - \text{Reactive Export})^2)).$$

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 Export Chargeable Reactive Units will be calculated in each half hour as follows:

-

Where Active Export is not equal to 0 and Active Import = 0, the following calculation is used: -

$(\text{Reactive Import} - \text{Reactive Export}) - (0.33 \times \text{Active Export})$.

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 Export Chargeable Reactive Units \times Charge Rate. If the result is negative then no charge will apply.

4.2 Explanatory Notes

4.2.1 Maximum Capacity

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.

4.2.2 Reduction in Maximum Capacity

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 Distribution) 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 Distribution.

4.2.3 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.



4.2.4 *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 is required under its Distribution Licence to provide to AEO's in support of a competitive supply market and for which SP Distribution 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/ Demand Charges	Reactive Power Charges	Tariff closed to new customers
					Fixed Charge 1 (p/annum/Adm/dep)	Fixed Charge 3 (p/annum/dep)	Day Unit Charge 1 (p/kWh)	Day Unit Charge 2 (p/kWh)	Night Unit Charge 1 (p/kWh)	Capacity Charge 1 (p/kVA/dep)			
D01	Dom Unrestricted, credit	100	NHH - import	1	7.31		1.62						
D02	Dom Unrestricted, PPM	101		1	7.31		1.62						
D03	CPC General credit	110	NHH - import	1	9.15		1.84		0.56				
D05	CPC Heating Credit	112		2									
D04	CPC General PPM	111		1	9.15		1.84		0.56				
D06	CPC Heating PPM	113		2					0.56				
D07	Domestic Day/Night	114		2	9.15		1.84		0.56				
D09	Domestic Control	116		2					0.56				
D08	Domestic Day/Night PPM	115		2	9.15		1.84		0.56				
D10	Domestic Control PPM	117		2					0.56				
D11	White Meter 1	118		2	9.15		1.84		0.56				
D12	White Meter 1 PPM	119		2	9.15		1.84		0.56				
D15	Economy 10	120		2	9.15		1.84		0.56				
R01	CPC HWR - Tenant	160		1	4.58		1.84		0.56				
R02	CPC HWR - Tenant PPM	161		2	9.15		1.84		0.56				
R03	CPWM HWR - Tenant	162		2	9.15		1.84		0.56				
R04	CPWM HWR - Tenant PPM	163		2	9.15		1.84		0.56				
R05	Weathercall HWR - Landlord	164		2									
R06	8.5hr Dynamic Heating - Landlord	165		2									
R07	8.5 hr Heating Landlord	166		2									C
S01	8.5hr Off Peak	130	NHH - import	2					0.56				C
S01	8.5hr Off Peak	240		4					0.56				C
S04	12hr Off Peak	132		2					0.98				
S04	12hr Off Peak	241		4					0.98				
S05	12hr Off Peak PPM	133		2					0.98				
S06	12hr Off Peak HV	301		4					0.98				C
S07	16/20hr Off Peak	134		2					1.19				C
S07	16/20hr Off Peak	242		4					1.19				C
S08	16/20hr Off Peak PPM	135		2					1.19				C
S09	16/20hr Off Peak HV	302		4					1.19				C
S10	Storage Boiler	136		2					1.27				
S11	Storage Boiler PPM	137		2					1.27				



B01	Farm & Combined	200	NHH - Import	3	23.85		1.76				C
B02	Farm & Combined PPM	203		3	23.85		1.76				C
B03	Business General	201		3	23.85		1.76				
B04	Business General PPM	204		3	23.85		1.76				C
B05	GB 2	202		3	23.85		1.76				C
B06	GB 2 PPM	205		3	23.85		1.76				C
B19	Business Evening & Weekend	260		3	26.13		2.98		0.87		
S12	12hr Crop & Air Conditioning	243		3			0.98				C
S14	16hr Crop & Air Conditioning	244		3			1.19				C
S16	Crop Conditioning	245		3			0.98				C
S18	Catering	246		3			1.30				C
B07	White Meter 2	220	NHH - Import	4	28.13		2.98		0.87		C
B09	White Meter 3	221		4	28.13		2.98		0.87		C
B11	White Meter 5 Day/Night	222		4	28.13		2.98		0.87		C
B13	White Meter 5 Heating	223		4					0.87		C
B15	Business Day/Night	224		4	28.13		2.98		0.87		
B17	Business Control	225		4					0.87		
M01	NHH MMD LV <100kW (PC5-8)	400	NHH LV & HV - Import	5-8	81.48				0.25		
M01	NHH MMD LV <100kW (PC5-8)	402			81.48		1.63		0.25		C
M02	NHH MMD HV<100kW (PC5-8)	401			640.73		0.76				
M02	NHH MMD HV<100kW (PC5-8)	403			640.73		0.76				C
M03	HH LV	500	HH LV - Import	0	108.46		1.28		0.16	0.27	
M07	Embedded Generation Import LV	504			108.46		1.28		0.16	0.27	
M04	HH HV	501	HH HV - Import	0	640.73		0.76		0.17	0.16	
M08	Embedded Generation Import HV	505			640.73		0.76		0.17	0.16	
U01	UMS Good Inventory	900	NHH - UMS	8	8.68		1.32				
U01	UMS Good Inventory	901		1	8.68		1.32				
U01	UMS Good Inventory	902		1	8.68		1.32				
U01	UMS Good Inventory	903		1	8.68		1.32				
U02	UMS Poor Inventory	904		8	8.68		1.45				
U02	UMS Poor Inventory	905		1	8.68		1.45				
U02	UMS Poor Inventory	906		1	8.68		1.45				
U02	UMS Poor Inventory	907		1	8.68		1.45				
U03	UMS Public Lighting Good Inventory	908		188	8.68		1.54				
U04	UMS Public Lighting Poor Inventory	909		188	8.68		1.69				
N/A	33kV Connected	801+	HH EHV - Import	0	1702.47	Site Specific					
								2.98	0.11		
E06	LV Connected Generators with NHH Metering		NHH - export	1-8							
E07	LV Connected Generators pre April 2005	604						0.00	0.00		
E05	LV Connected Generators post April 2005	607	HH LV - export	0				0.00	0.27		
E08	HV Connected Generators pre April 2005	605		0							
E04	HV Connected Generators post April 2005	606	HH HV Export	0				0.00	0.00		
				0				0.42	0.16		
E01	EHV Connected Generators Borders	601+									
E02	EHV Connected Generators SouthWest	601+	HH EHV - export	0		Site Specific		0.60	0.11		
E03	EHV Connected Generators Central	601+				Site Specific		0.95	0.11		
						Site Specific		0.71	0.11		



Table 2 – Look-Up Tables

LLFC Id	Profile Code	LLFC Description	Meter Timeswitch	Standard Settlement Contribution	TPR	Unit Rate 1 Surplus Engine	TPR	Unit Rate 2 Surplus Engine	Special Conditions
100 DOMESTIC	1	001 Domestic Eng. reb credit	500 501 801 802	393	1	24 DUES			
	1	002 Domestic Eng. reb JWB/rent	510 511 808 806	393	1	24 DUES			
	1	003 Domestic Eng. reb JWB/rent	510 511 808 806	393	1	24 DUES			
	1	004 CPC General, PM	510 511	393	1	24 DUES			
	2	005 CPC Heating, Credit	640 642	753	13004	Dynamic control			
			644 646	753	13005	Dynamic control			
			648 650	757	13010	Dynamic control			
			652 654	759	13013	Dynamic control			
			656 658	761	13016	Dynamic control			
			660 662	763	13019	Dynamic control			
113	2	006 CPC Heating, PM	654 666	765	13022	Dynamic control			
			668 670	767	13025	Dynamic control			
			672 674	769	13028	Dynamic control			
			676 678	771	13031	Dynamic control			
			680 682	773	13034	Dynamic control			
			684 686	775	13037	Dynamic control			
			688 690	777	13040	Dynamic control			
			692 694	779	13043	Dynamic control			
			696 698	781	13046	Dynamic control			
			700 702	783	13049	Dynamic control			
114	2	007 Domestic day/night credit	697 699	785	13052	Dynamic control			
			701 703	787	13055	Dynamic control			
			705 707	789	13058	Dynamic control			
			709 711	791	13061	Dynamic control			
			713 715	793	13064	Dynamic control			
			717 719	795	13067	Dynamic control			
			721 723	797	13070	Dynamic control			
			725 727	799	13073	Dynamic control			
			729 731	801	13076	Dynamic control			
			733 735	803	13079	Dynamic control			
115	2	008 Domestic day/night PM	589 591	727	13003	Dynamic control			
			593 595	729	13006	Dynamic control			
			597 599	731	13009	Dynamic control			
			601 603	733	13012	Dynamic control			
			605 607	735	13015	Dynamic control			
			609 611	737	13018	Dynamic control			
			613 615	739	13021	Dynamic control			
			617 619	741	13024	Dynamic control			
			621 623	743	13027	Dynamic control			
			625 627	745	13030	Dynamic control			
116	2	009 Domestic Control, Credit	629 631	747	13033	Dynamic control			
			633 635	749	13036	Dynamic control			
			637 639	751	13039	Dynamic control			
			641 643	753	13042	Dynamic control			
			645 647	755	13045	Dynamic control			
			649 651	757	13048	Dynamic control			
			653 655	759	13051	Dynamic control			
			657 659	761	13054	Dynamic control			
			661 663	763	13057	Dynamic control			
			665 667	765	13060	Dynamic control			
117	2	010 Domestic Control, PM	669 671	767	13063	Dynamic control			
			673 675	769	13066	Dynamic control			
			677 679	771	13069	Dynamic control			
			681 683	773	13072	Dynamic control			
			685 687	775	13075	Dynamic control			
			689 691	777	13078	Dynamic control			
			693 695	779	13081	Dynamic control			
			697 699	781	13084	Dynamic control			
			701 703	783	13087	Dynamic control			
			705 707	785	13090	Dynamic control			

Page 17



BUSINESS QUARTERLY

220	3	601	Fact & Combined Premises	300.501.801.802	393	1	24 hours			preserved
201	3	601	Business General	300.501.801.802	393	1	24 hours			preserved
202	3	601	General Block 2	300.501.801.802	393	1	24 hours			preserved
203	3	601	General Block 2	300.501.801.802	393	1	24 hours			preserved
204	3	601	General Block 2	300.501.801.802	393	1	24 hours			preserved
205	3	601	General Block 2	300.501.801.802	393	1	24 hours			preserved
220	4	607	White Meter 2	1.3.692.694	721	336	15 Shrs between 0630 & 2300	8 Shrs between 2350 & 0830	327	preserved
				5.7.696.698	722	13068			13067	
				9.11.700.702	723	13071			13070	
				13.15.704.706	724	13074			13073	
				17.19.708.710	725	13077			13076	
				21.23.712.714	726	13080			13079	
221	4	609	White Meter 3	1.3.692.694	721	336	15 Shrs between 0830 & 2300	0 Shrs between 2350 & 0630	327	
				5.7.696.698	722	13068			13067	
				9.11.700.702	723	13071			13070	
				13.15.704.706	724	13074			13073	
				17.19.708.710	725	13077			13076	
				21.23.712.714	726	13080			13079	
222	4	611	White Meter 5 (day/night)	727.729.731.733	13003	13006	0830 - 2330	2330 - 0800	13002.13005	preserved
				735.737.739.741	13006	13012			13005.13011	
				743.745.748.752	13015	13018			13014.13017	
				754.756.758.760	13021	13024			13020.13023	
				762.764.766.768	13027	13035			13026.13032	
				770.772.774.776	13031	13034			13028.13036	
				778.780.782.784	13035	13038			13032.13040	
				786.788.790.792	13039	13042			13036.13044	
				794.796.798.800	13043	13046			13040.13048	
				802.804.806.808	13047	13050			13044.13052	
223	4	613	White Meter 5 (heating)	592.594	728	13004	dynamic		13053.13056	preserved
				596.598	730	13007			13059.13064	
				600.602	732	13010				
				604.606	734	13013				
				608.610	736	13016				
				612.614	738	13019				
				616.618	740	13022				
				620.622	742	13025				
				624.626	744	13028				
				628.630	746	13031				
				632.634	748	13034				
				636.638	750	13037				
				640.642	752	13040				
				644.646	754	13043				
				648.650	756	13046				
				652.654	758	13049				
				656.658	760	13052				
				660.662	762	13055				
				664.666	764	13058				
				668.670	766	13061				
				672.674	768	13064				
224	4	615	Business Day/Night	727.729.731.733	13003	13006	0830 - 2330	2330 - 0800	13002.13005	
				735.737.739.741	13006	13012			13005.13011	
				743.745.748.752	13015	13018			13014.13017	
				754.756.758.760	13021	13024			13020.13023	
				762.764.766.768	13027	13035			13026.13032	
				770.772.774.776	13031	13034			13028.13036	
				778.780.782.784	13035	13038			13032.13040	
				786.788.790.792	13039	13042			13036.13044	
				794.796.798.800	13043	13046			13040.13048	
				802.804.806.808	13047	13050			13044.13052	
225	4	617	Business Control	592.594	728	13004	dynamic		13053.13056	
				596.598	730	13007				
				600.602	732	13010				
				604.606	734	13013				
				608.610	736	13016				
				612.614	738	13019				
				616.618	740	13022				
				620.622	742	13025				
				624.626	744	13028				
				628.630	746	13031				
				632.634	748	13034				
				636.638	750	13037				
				640.642	752	13040				
				644.646	754	13043				
				648.650	756	13046				
				652.654	758	13049				
				656.658	760	13052				
				660.662	762	13055				
				664.666	764	13058				
				668.670	766	13061				
				672.674	768	13064				



240	4	501	Business 8 Shr Off Peak LV	312-514	701	343	2300-0730	
				516-518	702	344	2330-0800	
241	4	504	Business 12hr Off Peak LV	520-522	703	317	2400-0720, 1230-1600	
				524-526	704	318	2430-0730, 1300-1500	
				528-530	705	319	2460-0730, 1330-1500	
				532-534	706	320	2230-0730, 0900-1100, 1600-1700	
				536-538	707	321	2230-0730, 1350-1430, 1800-1930	
				540-542	708	322	0600-0900, 1430-1600, 1830-2030	
				544-546	709	323	2300-0800, 1130-1330, 1530-1630	
				548-550	710	324	2300-0800, 1130-1330, 1530-1630	
				552-554	711	325	2200-0700, 1000-1130, 1330-1500	
242	4	507	Business 16/20hr Off Peak LV	556-558	712	326	1900-0720, 1230-1600	preserved
				560-562	713	327	1930-0730, 1260-1530	
				564-566	714	328	1930-0730, 1260-1530	
				568-570	715	329	1830-0530, 0830-1330	
				572-574	716	330	1700-0800, 1000-1500	
				576-578	717	340	1730-0800, 1000-1530	
				580-582	718	341	1700-0800, 1000-1500	
				584-586	719	342	1730-0800, 1000-1530	
243	5	512	12hr Crdp & Air Conditioning LV	716-717	775	334	Nov to Feb - 2200-0700, 1000-1130, 1330-1500	Mar to Oct 24 hrs
244	5	515	16hr Crdp & Air Conditioning LV	718-719	776	335	Nov to Feb - 1830-0530, 0830-1330	Mar to Oct 24 hrs
245	5	518	Crdp Conditioning	720-721	777	336	24 hours	preserved
246	5	519	Business Evening & Weekend	500-501	353	1	24 hours	preserved
				680-681, 826-827	350	184	0730-1930 GMT Mon - Fri	Other times
301	4	506	12hr Off Peak HV	324-526	703	317	2300-0730, 1230-1600	
				528-530	704	318	2330-0830, 1330-1630	
				532-534	705	319	2230-0730, 1100-1300, 1500-1600	
				536-538	706	320	2230-0730, 0900-1100, 1600-1700	
				540-542	707	321	2230-0730, 1350-1430, 1800-1930	
				544-546	708	322	0600-0900, 1430-1600, 1830-2030	
				548-550	709	323	2300-0800, 1130-1330, 1530-1630	
				552-554	710	324	2300-0800, 1130-1330, 1500-2000	
				556-558	711	325	2200-0700, 1000-1130, 1330-1500	
302	4	509	16/20hr Off Peak HV	560-562	712	326	1900-0730, 1230-1600	preserved
				564-566	713	328	1930-0830, 1330-1630	
				568-570	714	329	2130-0730, 0900-1330, 1530-1700	
				572-574	715	330	1830-0530, 0830-1330	
				576-578	716	336	1700-0800, 1000-1500	
				580-582	717	337	1700-0800, 1000-1500	
				584-586	718	341	1700-0800, 1000-1500	
					719	342	1730-0800, 1000-1530	
400	5 to 8	M01	Maximum Demand LV	500-501, 801-802	393	1	24 hours	
401	5 to 8	M02	Maximum Demand HV	71-72, 690-691	720	331-332	0730-2330	2300 - 0730
				71-72, 690-691	720	331-332	0730-2330	2300 - 0730
500	None	M03	Half Hourly LV with NOA	845 to 856	None			2300 - 0730
501	None	M04	Half Hourly HV with NOA	845 to 856	None			2300 - 0730
504	None	M07	Embedded Generator LV	845 to 856	None			2300 - 0730
505	None	M08	Embedded Generator HV	845 to 856	None			2300 - 0730
900	5	U01	UMS flat, good inventory	502-857	428	259	0600-2200	0600-0600, 2200-2400
901	1	U01	UMS dusk to dawn, good inv.	504-859	429	261	0930-1900	0600-0600, 1900-2400
902	1	U01	UMS half night, pre dawn good inv.	505-860	430	265	0100-0500, 0930-1600	0600-0600, 1900-2400
903	5	U01	UMS dawn to dusk, good inv.	505-860	430	265	0600-2200	0600-0600, 2200-2400
904	5	U01	UMS dusk to dawn, poor inv.	504-859	429	261	0930-1900	0600-0600, 1900-2400
905	1	U02	UMS half night, pre dawn poor inv.	505-860	430	265	0100-0500, 0930-1600	0600-0600, 1900-2400
906	1	U02	UMS dawn to dusk, poor inv.	503-858	431	263	0400-1600	0600-0600, 1900-2400
907	5	U03	UMS dusk to dawn, good inv.	502-857	428	259	0600-2200	0600-0600, 2200-2400
908	1	U03	UMS public lighting, good inv.	504-859	429	261	0930-1900	0600-0600, 1900-2400
909	5	U04	UMS public lighting, poor inv.	502-857	428	259	0600-2200	0600-0600, 1900-2400
				505-860	430	265	0930-1900	0600-0600, 1900-2400
				505-860	430	265	0100-0500, 0930-1600	0600-0600, 1900-2400



TABLE 3 – Conditions

The Domestic group of tariffs is available to private homes and lock-up garages used exclusively for domestic purposes.

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	CONDITIONS	NOTES
Domestic	All units charged at the same rate.	
CPC General and CPC Heating	Tariffs are mutually conditional. All electricity consumed at the premises shall be charged on these tariffs. Available only to premises where storage heating appliances form a minimum of 60% of the total installed electrical space heating.	
	CPC General	
	General usage (non heating), unrestricted.	
	CPC Heating	
	Controlled circuit (storage space heating), available for a maximum of 14 hours between 7.30pm and 3.30pm as determined by the WEATHERCALL® system (or similar system approved by ScottishPower). Not more than 4 hours to be available between the hours of 8.30am and 3.30pm. Exact times to be determined by the Supplier.	Clock Time
	The storage water heating circuit, available for 4.5 hours between 7.30pm and 3.30pm. Exact times to be determined by the Supplier.	Clock Time
	Direct space and water heating circuit, available 24 hrs per day	
Domestic Day/Night and Domestic Control	Tariffs are mutually conditional. All electricity consumed at the premises shall be charged on these tariffs. Available only to premises where use is made of storage heating appliances.	
	Domestic Day/Night	
	General usage, 8.5 hours available at "night" rate between 10pm and 8.30am. Exact times to be determined by the Supplier.	Greenwich Mean Time
	Domestic Control	
	Controlled circuit (storage heating), available between 7.30pm and 3.30pm for	Clock Time
	a) a maximum of 8.5 hours; or	



TARIFF	CONDITIONS	NOTES
	<p>b) a period or periods, subject to a maximum of 14 hours, as determined by the WEATHERCALL® system (or similar system approved by ScottishPower) if this option is adopted.</p> <p>Regardless of which option is chosen, not more than 4 hours to be available between the hours of 8.30 am and 3.30pm. Exact times to be determined by the Supplier.</p>	Clock Time
White Meter 1	<p>Intended for premises where use is made of storage heating appliances. All electricity consumed at the premises shall be charged on this tariff.</p> <p>8.5 hrs at "night" rate available between 10pm and 8.30am. Exact times to be determined by Supplier</p>	Greenwich Mean time
8.5 hr Off Peak	<p>Must be taken with Domestic tariff. Available to premises where use is made of storage heating appliances.</p> <p>Available all day at weekends and for 8.5 hours between the hours of 10.30pm and 8am each day Monday to Friday (exact times to be determined by the Supplier)</p>	<p>Preserved *</p> <p>Greenwich Mean Time</p>
12 hr Off Peak	<p>Must be taken with Domestic tariff. Available to premises where use is made of storage heating appliances.</p> <p>Available for 12 hours each day Monday to Friday.</p> <p>The availability on Monday to Friday will be: Not less than 8 hours between 7.30pm and 8.30am and not more than 4 hours between the hours of 8.30 am and 3.30pm. Exact times to be determined by the Supplier. Available all day at weekends.</p>	Greenwich Mean Time
16 hr Off Peak	<p>Must be taken with Domestic tariff. Available to premises where use is made of storage heating appliances.</p> <p>Available for 16 hours each day Monday to Friday. Not available between 1.30pm and 6.30pm. Exact</p>	<p>Preserved *</p> <p>Greenwich</p>



TARIFF	CONDITIONS	NOTES
	times determined by Supplier. Available all day at weekends.	Mean Time
20 hr Off Peak	Must be taken with Domestic tariff. Available to premises where use is made of storage heating appliances. Available for 20 hours each day Monday to Friday. Not available between 8.00am and 10.00am or between 3.30pm and 5.30pm. Exact times to be determined by Supplier. Available all day at weekends.	Preserved * Greenwich Mean Time
Storage Boiler	Must be taken with Domestic unrestricted tariff. Storage boiler circuit available for a maximum of 18 hours per day between 6.30pm and 4.30pm. Exact times to be determined by the Supplier.	Clock Time
Business General	All units charged at the same rate. Available to customers with a capacity of less than 45kVA .	
General Block 2	All units charged at the same rate.	Preserved *
Farm and Combined Premises	Available only to farms and to private homes which are used partly for business.	Preserved *
Catering	Applies solely to the use of catering equipment in restaurants, hotels, canteens etc.. Must be used in conjunction with an appropriate unrestricted tariff. (Business General, General Block 2)	Preserved *
White Meter 2	Intended for premises where use is made of storage heating appliances. All electricity consumed at the premises is charged on this tariff. 8.5 hrs at "night" rate available between 10pm and 8.30am. Exact times to be determined by the Supplier.	Preserved * Greenwich Mean Time
White Meter 3	Intended for premises where use is made of storage heating appliances. All electricity consumed at the premises is charged on this tariff. 8.5 hrs at "night" rate available between 10pm and 8.30am. Exact	Preserved *



TARIFF	CONDITIONS	NOTES
	times to be determined by the Supplier.	Greenwich Mean Time
White Meter 5	<p>Available only to farms and to private homes which are used partly for business where use is made of storage heating appliances.</p> <p><u>Day/Night</u></p> <p>8.5 hrs at "night" rate available between 10pm and 8.30am. Exact times to be determined by the Supplier.</p> <p><u>Heating</u></p> <p>Controlled circuit (storage heating), available between 7.30pm and 3.30pm for:</p> <p>a) a maximum of 8.5 hours; or</p> <p>b) a period or periods, subject to a maximum of 14 hours, as determined by the WEATHERCALL[®] system (or similar system approved by ScottishPower) if this option is adopted.</p> <p>Regardless of which option is chosen, not more than 4 hours to be available between the hours of 8.30am and 3.30pm. Exact times to be determined by the Supplier.</p>	<p>Preserved *</p> <p>Clock Time</p> <p>Clock Time</p> <p>Clock Time</p>
Business Day/Night and Business Control	<p>Available only to business premises where use is made of storage heating appliances.</p> <p><u>Day/Night</u></p> <p>8.5 hrs at "night" rate available between 10pm and 8.30am. Exact times to be determined by the Supplier.</p> <p><u>Heating</u></p> <p>Controlled circuit (storage heating), available between 7.30pm and 3.30pm for:</p> <p>a) a maximum of 8.5 hours; or</p> <p>b) a period or periods, subject to a maximum of 14 hours , as determined by the</p>	<p>Clock Time</p> <p>Clock Time</p>



TARIFF	CONDITIONS	NOTES
	<p>WEATHERCALL[®]</p> <p>system (or similar system approved by ScottishPower) if this option is adopted.</p> <p>Regardless of which option is chosen, not more than 4 hours to be available between the hours of 8.30am and 3.30pm. Exact times to be determined by the Supplier.</p> <p>Available to customers with a capacity of less than 45kVA</p>	Clock Time
Business Evening and Weekend	<p>Low rate available between 7.30pm and 7.30am each day Monday to Friday, and all day at weekends. All electricity consumed at the premises shall be charged on this tariff.</p> <p>Available to customers with a capacity of less than 45kVA.</p>	Greenwich Mean Time
8.5hr Off Peak	<p>Must be taken with an appropriate unrestricted tariff. Available to premises where use is made of storage heating appliances.</p> <p>Available all day at weekends and for 8.5 hrs between the hours of 10.30pm and 8am each day Monday to Friday (exact times to be determined by the Supplier)</p>	<p>Preserved *</p> <p>Greenwich Mean Time</p>
12hr Off Peak (LV)	<p>Must be taken with an appropriate unrestricted tariff. Available to premises where use is made of storage heating appliances.</p> <p>Available all day at weekends and for 12 hours each day Monday to Friday. The availability on Monday to Friday will be: Not less than 8 hours between 7.30pm and 8.30am and not more than 4 hours between the hours of 8.30 am and 3.30pm. Exact times to be determined by the Supplier).</p>	Greenwich Mean Time
16hr Off Peak (LV)	<p>Must be taken with an appropriate unrestricted tariff</p>	Preserved *



TARIFF	CONDITIONS	NOTES
	<p>Available to premises where use is made of storage heating appliances.</p> <p>Available for 16 hrs each day Monday to Friday. Not available between 1.30pm and 6.30pm. Exact times determined by Supplier. Available all day at weekends.</p>	<p>Greenwich Mean Time</p>
20hr Off Peak (LV)	<p>Must be taken with an appropriate unrestricted tariff.</p> <p>Available to premises where use is made of storage heating appliances.</p> <p>Available for 20 hrs each day Monday to Friday. Not available between 8.00am and 10.00am or between 3.30pm and 5.30pm. Exact times to be determined by Supplier. Available all day at weekends.</p>	<p>Preserved *</p> <p>Greenwich Mean Time</p>
12hr Crop & Air Conditioning	<p>Must be taken with an appropriate unrestricted tariff.</p> <p>Available in each of the eight months mainly within the period March to October inclusive. Hours of availability during the months November to February as 12 hour off peak tariff.</p>	<p>Preserved *</p> <p>Greenwich Mean Time</p>
Crop Conditioning	<p>Must be taken with an appropriate unrestricted tariff.</p> <p>Available at the low rate during the months March to October inclusive. Charged at higher rate at all other times.</p>	<p>Preserved *</p>
Maximum Demand (LV)	Available to supplies made available at 650V or less.	
Maximum Demand (HV)	Available to supplies made available at more than 650V.	
Embedded Generation (LV)	Available to supplies made available at 650V or less to premises with on site generation. The LV network is defined as a voltage of 650v or less.	



TARIFF	CONDITIONS	NOTES
Embedded Generation (HV)	Available to supplies made available at more than 650V to premises with on site generation. The HV network is defined as a voltage of greater than 650v.	
Profiled UMS (Band 1)	Charged when a detailed and accurate inventory of connected equipment is provided.	
Profiled UMS (Band 2)	Charged when a detailed and accurate inventory is not provided.	
Public Lighting (Band 2)	<p>Available to Local Authorities and other customers who have a statutory duty to supply public lighting (e.g. landlords who require to light stairwells on their premises).</p> <p>Charged when a detailed and accurate inventory is not provided.</p>	

Preserved means only available to those supplied on this tariff at 31 March 2005.



SCHEDULE 2 - 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	£55.00
2	Replace time/teleswitch:	
	if associated with meter replacement	Individually Quoted
	if not associated with meter replacement	£ 55.00
3	Replace credit meter with prepayment meter or likefor like:	
	Single phase credit meter	£ 55.00
	Polyphase meter	£ 85.00
	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)	£ 55.00
5	Fit additional security devices	Individually Quoted
6	De-energise supply by withdrawal of fuses during	
	normal working hours:	
	normal and no inspection required	£ 20.00
	normal and including inspection	£ 55.00
	for more complex de-energisations	Individually Quoted
	re-energisation after RPS de-energisation	£ 20.00



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|----|--|---------------------|
| 7 | Revisit de-energised supply (excluding first visit within 14 days which is provided as part of the standard service) | £ 20.00 |
| 8 | Revisit customer previously suspected of tampering | |
| | excluding full inspection | £ 20.00 |
| | including full inspection | £ 55.00 |
| 9 | Obtain a rights of entry warrant | Individually Quoted |
| 10 | Provide witnesses for any court proceedings | Individually Quoted |



SCHEDULE 3 - RADIO TELESWITCHING SERVICES

SP Distribution 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 4 – SYSTEM LOSS ADJUSTMENT FACTORS**

Where a supply is to be provided wholly or partly over ScottishPower's Distribution system the Supplier must provide sufficient electricity such that the quantity of electricity entering the system for the purposes of providing that supply equals the metered quantity delivered from the system to the delivery point plus the amount of electrical losses appropriate to the voltage at which the supply is delivered.

The loss adjustment factors are as follows: -

Voltage at Delivery Point	Distribution Import Loss Multiplier	Distribution Export Loss Multiplier
Above 33kV	1.000	1.000
33kV	1.005	1.000
HV	1.020	1.006
LV	1.056	1.020

Note: The export loss adjustment factors will apply to the generated output provided by embedded generators.