



INDEPENDENT POWER NETWORKS LIMITED

Use of System Charging Statement

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

FINAL NOTICE

Effective from 1st April 2013

Version 1

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1. Introduction

- 1.1. This statement has been prepared in order to discharge Independent Power Networks Limited (IPNL)'s obligation under Standard Licence Condition 14 of our Electricity Distribution Licence. It contains information on our charges¹ and charging principles for use of our Distribution System. It also contains information on our Line Loss Factors.
- 1.2. If you have any questions about this statement please contact us at the address shown below:

Customer Services

GTC

Energy House

Woolpit Business Park

Woolpit, Bury St Edmunds

Suffolk

IP30 9UP

Email : encadmin@gtc-uk.co.uk

Telephone: 01359 240363

¹ Charges can be positive or negative.

2. Charge Application and Definitions

Supercustomer Billing and Payment

- 2.1. Supercustomer billing and payment applies to Metering Points registered as Non-Half Hourly (NHH) metered. The Supercustomer approach makes use of aggregated data obtained from the Supercustomer DUoS Report.
- 2.2. Invoices are calculated on a periodic basis and sent to each User, for whom IPNL is transporting electricity through its Distribution System. Invoices are reconciled, over a period of approximately 14 months, to ensure the cash positions of Users and IPNL are adjusted to reflect later and more accurate consumption figures.
- 2.3. The charges applied are determined by the combination of the Line Loss Factor Class (LLFC), Profile Class (PC) and Standard Settlement Configuration (SSC) registered to the MPAN, and the units consumed within the time periods specified in this statement. All charges are assigned at the sole discretion of IPNL. The charges in this document are shown exclusive of VAT. Invoices take account of previous Settlement runs and include VAT.

Supercustomer Charges

- 2.4. Supercustomer charges are generally billed through the following components:
 - A fixed charge - pence/MPAN/day, there will only be one fixed charge applied to each Metering Point Administration Number (MPAN) in respect of which you are registered; and
 - Unit charges - pence/kilowatt-hour (kWh), based on the active consumption/production as provided through Settlement. More than one kWh charge may be applied.
- 2.5. These charges apply to Exit/Entry Points where NHH metering is used for Settlement.
- 2.6. Users who wish to supply electricity to Customers whose Metering System is Measurement Class A and settled on Profile Classes 1 through to 8 will be allocated the relevant charge structure set out in Annex 1.
- 2.7. Valid Settlement Profile Class/Standard Settlement Configuration/Meter Timeswitch Code (PC/SSC/MTC) combinations are detailed in Market Domain Data (MDD).
- 2.8. The time periods for the charge rates are as specified by the SSC. To determine the appropriate charge rate for each SSC/TPR a lookup table is provided on the ENA website².
- 2.9. IPNL does not apply a default tariff for invalid combinations. Where an invalid combination is received we will match it to the closest possible tariff based on voltage and profile class.
- 2.10. The Domestic Off-Peak and Small Non-Domestic Off-Peak charges are supplementary to either an Unrestricted or a Two Rate charge.

² <http://2010.energynetworks.org/storage/DNO CDCM SSC TPR decoding for unit rates version3.xlsx>

Site-Specific Billing and Payment

- 2.11. Site-specific billing and payment applies to Metering Points registered as Half Hourly (HH) metered. The site-specific billing and payment approach to Use of System billing makes use of Half Hourly (HH) metering data received through Settlement.
- 2.12. Invoices are calculated on a periodic basis and sent to each User, for whom IPNL is transporting electricity through its Distribution System. Where an account is based on estimated data, the account shall be subject to any adjustment which may be necessary following the receipt of actual data from the User.

Site-Specific Billed Charges

- 2.13. Site-Specific billed charges may include the following components:
- A fixed charge pence/MPAN/day;
 - A capacity charge, pence/kVA/day, for agreed Maximum Import Capacity (MIC) and/or Maximum Export Capacity (MEC);
 - An excess capacity charge, pence/kVA/day, if a site exceeds its MIC and/or MEC;
 - Unit charges, pence/kWh, for transportation of electricity over the system; and
 - An excess reactive power charge, pence/kVArh, for each unit in excess of the reactive charge threshold.
- 2.14. These charges apply to Exit/Entry Points where HH metering, or an equivalent meter, is used for Settlement purposes.
- 2.15. Users who wish to supply electricity to Customers whose Metering System is Measurement Class C or E or CVA will be allocated the relevant charge structure dependent upon the voltage and location of the Metering Point.
- 2.16. Fixed charges are generally levied on a pence per MPAN basis. Where two or more HH MPANs are located at the same point of connection (as identified in the connection agreement), with the same LLFC, and registered to the same Supplier, only one daily fixed charge will be applied.
- 2.17. LV & HV Designated Properties will be allocated the relevant charge structure set out in Annex 1.
- 2.18. The time periods for the application of unit charges to LV & HV Designated Properties are as set out in Appendix 1.

IPNL has not issued a note to change the time bands.

- 2.19. Designated EHV Properties as calculated using the EDCM will be allocated the relevant charge structure set out in Annex 2.
- 2.20. The time periods for the application of unit charges to Designated EHV Properties are as set out in Appendix 1.

IPNL has not issued a notice to change the time bands

Charges for Unmetered Supplies

- 2.21. Users who wish to supply electricity to Customers whose Metering System is Measurement Class B or Measurement Class D will be allocated the relevant charge structure in the Annex 1.
- 2.22. These charges are available to Exit Points which IPNL deems to be suitable as Unmetered Supplies as permitted in the Electricity (Unmetered Supply) Regulations 2001³ and where operated in accordance with BSCP520⁴.
- 2.23. The time periods for the application of unit charges to connections which are pseudo HH metered are set out in Appendix 2.

IPNL has not issued a notice to change the time bands

Use of System Charges Out of Area

- 2.24. IPNL does not have a Distribution Services Area.

Application of Capacity Charges

Chargeable Capacity

- 2.25. The Chargeable Capacity is, for each billing period, the highest of the MIC/MEC or the actual capacity, calculated as detailed below.
- 2.26. The MIC/MEC will be agreed with IPNL at the time of connection or pursuant to a later change in requirements. Following such an agreement (be it at the time of connection or later) no reduction in MIC/MEC will be allowed for a period of one year. In the absence of an agreement the chargeable capacity, save for error or omission, will be based on the last MIC and/or MEC previously agreed by the distributor for the relevant premises' connection. A Customer can seek to agree or vary the MIC and/or MEC by contacting IPNL using the contact details in paragraph **Error! Reference source not found..**
- 2.27. Reductions to the MIC/MEC may only be permitted once in a 12 month period and no retrospective changes will be allowed. Where MIC/MEC is reduced the new lower level will be agreed with reference to the level of the Customer's maximum demand. It should be noted that where a new lower level is agreed the original capacity may not be available in the future without the need for network reinforcement and associated cost.

Demand Chargeable Capacity

$$\text{DemandChargeableCapacity} = \text{Max}(2 \times \sqrt{\text{AI}^2 + \text{max}(\text{RI}, \text{RE})^2}, \text{MIC})$$

Where:

AI = Import consumption in kWh

³ The Electricity (Unmetered Supply) Regulations 2001 available from <http://www.legislation.gov.uk/uksi/2001/3263/made>

⁴ Balancing and Settlement Code Procedures on unmetered supplies and available from <http://www.elexon.co.uk/pages/bscps.aspx>

RI = Reactive import in kVArh

RE = Reactive export in kVArh

MIC = Maximum Import Capacity in kVA

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

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

Generation Chargeable Capacity

$$\text{GenerationChargeableCapacity} = \text{Max}(2 \times \sqrt{\text{AE}^2 + \max(\text{RI}, \text{RE})^2}, \text{MEC})$$

Where:

AE = Export Production in kWh

RI = Reactive import in kVArh

RE = Reactive export in kVArh

MEC = Maximum Export Capacity in kVA

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

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

Standby Capacity for Additional Security on Site

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

Exceeded Capacity

2.33. Where a Customer takes additional unauthorised capacity over and above the MIC/MEC, the excess will be classed as Exceeded Capacity. The exceeded portion of the capacity will be charged at the excess capacity charge p/kVA/day rate, based on the difference between the MIC/MEC and the actual capacity. This will be charged for the duration of the full month in which the breach occurs.

Minimum Capacity Levels

2.34. There is no minimum capacity threshold.

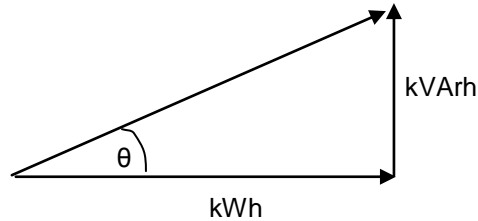
Application of charges for excess reactive power

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

equivalent to an average power factor of 0.95 during the period. Any reactive units in excess of the 33% threshold are charged at the rate appropriate to the particular charge.

2.36. Power Factor is calculated as follows:

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



2.37. The chargeable reactive power is calculated as follows:

Demand Chargeable Reactive Power

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

Where:

AI = Active Import in kWh

RI = Reactive Import in kVArh

RE = Reactive Export in kVArh

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

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

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

Generation Chargeable Reactive Power

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

Where:

AE = Active Export in kWh

RI = Reactive Import in kVArh

RE = Reactive Export in kVArh

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

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

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

Provision of billing data

- 2.44. Where HH metering data is required for Use of System charging and this is not provided through Settlement processes, such metering data shall be provided by the User of the system to IPNL in respect of each calendar month within 5 working days of the end of that calendar month. The metering data shall identify the amount consumed and/or produced in each half hour of each day and shall separately identify active and reactive import and export. Metering data provided to the IPNL shall be consistent with that received through the metering equipment installed. Metering data shall be provided in an electronic format specified by IPNL from time to time and in the absence of such specification, metering data shall be provided in a comma separated text file in the format of D0036 MRA data flow (as agreed with the DNO). The data shall be e-mailed to encadmin@gtc-uk.co.uk.
- 2.45. IPNL requires reactive consumption or production to be provided for all Measurement Class C (mandatory HH metered) sites and for Measurement Class E (elective HH metered sites). IPNL reserves the right to levy a charge on Users who fail to provide such reactive data. In order to estimate missing reactive data, a Power Factor of 0.9 lag will be applied to the active consumption in any half hour.

Licensed Distributor Network Operator (LDNO) charges

- 2.46. LDNO charges are applied to LDNOs who operate Embedded Networks within IPNL networks.
- 2.47. The charge structure for LV and HV Designated Properties end users embedded in such Networks operated by LDNOs will mirror the structure of the 'all-the-way' charge and is dependent upon the voltage of connection of each Embedded Network to the Host network. The same charge elements will apply as those that match the LDNO's end Customer charges.
- 2.48. The charge structure for Designated EHV Properties end-users embedded in Networks operated by LDNOs will be calculated individually using the EDCM.
- 2.49. For Nested Networks the Host DNO charges (or pays) the Nested LDNO on the basis of discounted charges for the voltage of connection of the Intermediate LDNO to the Host DNO, irrespective of the connection of the Nested LDNO to the Intermediate LDNO. Additional arrangements might exist between the Nested LDNO and the Intermediate LDNO; these arrangements are not covered in this statement.

3. Schedule of Charges for use of the Distribution System

- 3.1. Tables listing the charges for the distribution of electricity under use of system are published in annexes of this document.
- 3.2. These charges are also listed in a spreadsheet which is published with this statement and can be downloaded from;

<http://www.gtc-uk.co.uk/about-us/our-regulated-businesses>
- 3.3. Annex 1 contains charges to LV and HV Designated Properties.
- 3.4. Annex 2 contains the charges to Designated EHV Properties and charges applied to LDNOs with Designated EHV Properties/end-users on IPNL embedded networks.
- 3.5. Annex 3 contains details of any preserved and additional charges that are valid at this time. Preserved charges are mapped to an appropriate charge and are closed to new Customers.
- 3.6. Annex 4 contains the charges applied to LDNOs with LV and HV Designated Properties end users embedded in Networks on IPNL networks.

4. Schedule of Line Loss Factors

Role of Line Loss Factors in the Supply of Electricity

- 4.1. Electricity entering or exiting the DNOs' networks is adjusted to take account of energy which is lost⁵ as it is distributed through the network.
- 4.2. This adjustment is made to ensure that energy bought or sold by a User, from/to a Customer, accounts for energy lost as part of distributing energy to and from the Customer's premises.
- 4.3. DNOs are responsible for calculating the Line Loss Factors (LLFs) and providing these factors to Elexon. Elexon manage the Balancing and Settlement Code. The code covers the governance and rules for the balancing and settlement arrangements.
- 4.4. Annex 5 provides the LLFs which must be used to adjust the Metering System volumes to take account of losses on the Distribution Network.

Calculation of Line Loss Factors

- 4.5. LLFs are calculated in accordance with BSC Procedure (BSCP) 128. BSCP 128 determines the principles which DNOs must comply with when calculating LLFs.
- 4.6. LLFs are either calculated using a generic method or a site specific method. The generic method is used for sites connected at LV or HV and the site specific method is used for sites connected at EHV or where a request for site specific LLFs has been agreed. Generic LLFs will be applied to all new EHV sites until sufficient data is available for a site specific calculation.
- 4.7. The Elexon website (<http://www.elexon.co.uk/pages/losses.aspx>) contains more information on LLFs. This page also has links to BSCP 128 and to our LLF methodology.

Line Loss Factor time periods

- 4.8. LLFs are calculated for a set number of time periods during the year. These time periods are detailed in Annex 5.

Line Loss Factor tables

- 4.9. When using the LLF tables in Annex 5 reference should be made to the LLFC allocated to the MPAN to find the appropriate LLF.
- 4.10. The Elexon Portal website, <https://www.bsccentralservices.com/>, contains the LLFs in standard industry data format (D0265). A user guide with details on registering and using the portal can be downloaded from; <https://www.bsccentralservices.com/index.php/userguide/download>.

⁵ Energy can be lost for technical and non-technical reasons and losses normally occur by heat dissipation through power flowing in conductors and transformers. Losses can also reduce if a customer's action reduces power flowing in the distribution network. This might happen when a customer generates electricity and the produced energy is consumed locally.

5. Notes for Designated EHV Properties

EDCM [nodal /network group] costs

- 5.1. The table in Annex 6 shows the un-scaled [nodal /network group] costs used to calculate the current EDCM charges.
- 5.2. These are illustrative of the modelled costs at the time that this statement was published. A new connection will result in changes to current network utilisations which will then form the basis of future prices, i.e. the charge determined in this statement will not necessarily be the charge in subsequent years because of the interaction between new and existing network connections.

6. Electricity Distribution Rebates

- 6.1. IPNL has neither given nor announced any distribution use of system rebates to Users in the 12 months preceding the date of publication of this revision of the statement.

7. Accounting and Administration Services

Administration Charge

- 7.1. Where a User has failed to settle a DUoS invoice or notify IPNL of a bona fide dispute, in accordance with the Use of System agreement an account review charge may be made to cover the associated credit control, administration, invoicing and collection costs. This is in addition to the interest charge that will be made in accordance with clause 23.3 of the Distribution Connection and Use of System Agreement (DCUSA)

This charge will be;

Size of Unpaid debt	Late Payment fee
Up to £999.99	£40.00
£1000-£9999.99	£70.00
Over £10000	£100.00

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

- 8.1. None

9. Glossary of Terms

9.1. The following definitions are included to aid understanding:

Term	Definition
Balancing and Settlement Code (BSC)	The Balancing and Settlement Code contains the governance arrangements for electricity balancing and settlement in Great Britain. An over view document is available from " www.elexon.co.uk/ELEXON Documents/trading_arrangements.pdf ".
CDCM	The Common Distribution Charging Methodology used for calculating charges to Designated Properties as required by standard licence condition 13A of the Electricity Distribution Licence.
Customer	A person to whom a User proposes to supply, or for the time being supplies, electricity through an Exit Point, or from who, a User or any relevant exempt Supplier, is entitled to recover charges, compensation or an account of profits in respect of electricity supplied though an Exit Point. Or A person from whom a User purchases, or proposes to purchase, electricity, at an Entry Point (who may from time to time be supplied with electricity as a Customer of that User (or another electricity supplier) through an Exit Point).
CVA	Central volume allocation in accordance with the BSC.
Designated EHV Properties	As defined in standard condition 13B of the Electricity Distribution Licence.
Designated Properties	As defined in standard condition 13A of the Electricity Distribution Licence.
Distributed Generator	A generator directly connected or embedded within the Distribution System.
Distribution Connection and Use of System Agreement (DCUSA)	The Distribution Connection and Use of System Agreement (DCUSA) is a multi-party contract between the licensed electricity distributors, suppliers and generators of Great Britain. It is a requirement that all licensed electricity distributors and suppliers become parties to the DCUSA.
Electricity Distribution Licence	The Electricity Distribution Licence granted or treated as granted pursuant to section 6(1) of the Electricity Act 1989.
Distribution Network Operator (DNO)	An Electricity Distributor who operates one of the fourteen Distribution Services Areas and in whose Electricity Distribution Licence the requirements of Section B of the standard conditions of that licence have effect.
Distribution Services Area	The area specified by the Authority that a DNO as Distribution Services Provider will operate.

Term	Definition
Distribution Services Provider	An Electricity Distributor in whose Electricity Distribution Licence the requirements of Section B of the standard conditions of that licence have effect.
Distribution System	The system consisting (wholly or mainly) of: <ul style="list-style-type: none"> • electric lines owned or operated by an authorised distributor that is used for the distribution of electricity from grid supply points or generation sets or other Entry Points to the points of delivery to Customers or Users; or • any transmission licensee in its capacity as operator of that licensee's transmission system or the GB transmission system; • and includes any remote transmission assets (owned by a transmission licensee within England and Wales) that are operated by that authorised distributor and any electrical plant, electricity meters, and Metering Equipment owned or operated by it in connection with the distribution of electricity, but does not include any part of the GB transmission system.
EDCM	The EHV Distribution Charging Methodology used for calculating charges to Designated EHV Properties as required by standard licence condition 13B of the Electricity Distribution Licence..
Electricity Distributor	Any person who is authorised by an Electricity Distribution Licence to distribute electricity.
Embedded LDNO	This refers to an LDNO operating a distribution network which is embedded within another distribution network.
Embedded Network	An electricity Distribution System operated by an LDNO and embedded within another distribution network.
Entry Point	A boundary point at which electricity is exported onto a Distribution System to a connected installation or to another Distribution System, not forming part of the total system (boundary point and total system having the meaning given to those terms in the BSC)
Exit Point	A point of connection at which a supply of electricity may flow from the Distribution System to the Customer's Installation or User's Installation or the Distribution System of another person.
Extra High Voltage (EHV)	Nominal voltages of 22kV and above.
Gas and Electricity Markets Authority (GEMA) (the Authority)	As established by the Utilities Act.
Grid Supply Point	A metered connection between the National Grid Electricity Transmission (NGET) system and The licensee's Distribution System at which electricity flows to or from the Distribution System.

Term	Definition
GSP Group	Grid Supply Point Group; a distinct electrical system, that is supplied from one or more Grid Supply Points for which total supply into the GSP Group can be determined for each half-hour.
High Voltage (HV)	Nominal voltages of at least 1kV and less than 22kV
Host DNO	A distribution network operator that is responsible for a Distribution Services Area as defined in Standard conditions of the Electricity Distribution Licence
Intermediate LDNO	An embedded licenced distribution network operator that is responsible for a Distribution System between a Host DNO and another Embedded Distribution System.
Invalid Settlement Combination	A Settlement combination that is not recognised as a valid combination in Market Domain Data. http://mddonline.elexon.co.uk/default.aspx
kVA	Kilovolt amperes
kVArh	Kilovolt ampere reactive hour
kW	Kilowatt
kWh	Kilowatt hour (equivalent to one "unit" of electricity)
LDNO	Licensed Distribution Network Operator.
Line Loss Factor Class (LLFC)	An identifier assigned to an SVA Metering System which is used to assign the LLF and Use of System Charges.
Line Loss Factor (LLF)	The factor which is used in Settlement to adjust the Metering System volumes to take account of losses on the Distribution System.
Low Voltage (LV)	Nominal voltages below 1kV
Market Domain Data (MDD)	Market Domain Data is a central repository of reference data used by all Users involved in Settlement. It is essential to the operation of Supplier Volume Allocation (SVA) Trading Arrangements.
Maximum Export Capacity (MEC)	The Maximum Export Capacity of apparent power expressed in kVA that has been agreed can flow through the Entry Point to the Distribution System from the Customer's installation as specified in the connection agreement.
Maximum Import Capacity (MIC)	The Maximum Import Capacity of apparent power expressed in kVA that has been agreed can flow through the Exit Point from the Distribution System to the Customer's installation as specified in the connection agreement.

Term	Definition
Measurement Class	A classification of Metering Systems which indicates how Consumption is measured i.e. Non Half Hourly Metering Equipment (equivalent to Measurement Class "A") Non Half Hourly Unmetered Supplies (equivalent to Measurement Class "B") Half Hourly Metering Equipment at above 100kW Premises (equivalent to Measurement Class "C") Half Hourly Unmetered Supplies (equivalent to Measurement Class "D") Half Hourly Metering Equipment at below 100kW Premises (equivalent to Measurement Class "E").
Metering Point	The point at which electricity is exported to or imported from the licensee's Distribution System is measured, is deemed to be measured, or is intended to be measured and which is registered pursuant to the provisions of the MRA. (For the purposes of this statement Grid Supply Points are not 'Metering Points')
Metering System	Particular commissioned metering equipment installed for the purposes of measuring the quantities of Exports and Imports at the Boundary Point.
MPAN	Metering Point Administration Number. A number relating to a Metering Point under the MRA.
MRA	The Master Registration Agreement.
MTC	Meter Timeswitch Codes (MTCs) are three digit codes allowing Suppliers to identify the metering installed in Customers' premises. They indicate whether the meter is single or multi rate, pre-payment or credit, or whether it is 'related' to another meter.
Nested LDNO	A distribution system operator that is responsible for a Nested Network.
Nested Networks	This refers to a situation where there is more than one level of Embedded Network and therefore nested distribution systems between LDNOs (e.g. Host DNO→intermediate LDNO→nested LDNO→Customer).
Ofgem	Office of Gas and Electricity Markets – Ofgem is governed by GEMA and is responsible for the regulation of the distribution companies.
Profile Class (PC)	A categorisation applied to NHH MPANs and used in Settlement to group customers with similar consumption patterns to enable the calculation of consumption profiles.
Settlement	The determination and settlement of amounts payable in respect of charges (including reconciling charges) in accordance with the Balancing and Settlement Code
Settlement Class (SC)	The combination of Profile Class, Line Loss Factor Class, Time Pattern Regime and Standard Settlement Configuration, by Supplier within GSP Group and used for Settlement.

Term	Definition
Standard Settlement Configuration (SSC)	A standard metering configuration relating to a specific combination of TPRs.
Supercustomer	The method of billing Users for Use of System on an aggregated basis, grouping consumption and standing charges for all similar NHH metered Customers together.
Supercustomer DUoS Report	A report of profiled data by Settlement Class providing counts of MPANs and units consumed.
Supplier	An organisation with a Supply License which can register itself as supplying electricity to a Metering Point.
Supplier Volume Allocation (SVA)	As defined in the Balancing and Settlement Code.
Supplier Volume Allocation Agent (SVAA)	The agency which uses aggregated consumption data from the Data Aggregator to calculate Supplier purchases by Settlement Class for each Settlement day, and then passes this information to the relevant distributors and Suppliers across the national data transfer network.
Time Pattern Regime (TPR)	The pattern of switching behaviour though time that one or more meter registers follow.
Use of System Charges	Charges for demand and generation Customers which are connected to and utilising the distribution network.
User/s	Someone who has a use of system agreement with the DNO e.g. A Supplier, Generator or LDNO.

Annex 1 – Schedule of Charges for use of the Distribution System by LV and HV Designated Properties

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN EASTERN POWER NETWORK'S DSA (GSP_A)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	500,502,843	1	1.803			4.33				
Domestic Two Rate	500,502,843	2	2.195	0.174		4.33				
Domestic Off Peak (related MPAN)	500,502,843	2	0.155							
Small Non Domestic Unrestricted	500,502,843	3	1.369			4.63				
Small Non Domestic Two Rate	500,502,843	4	1.628	0.139		4.63				
Small Non Domestic Off Peak (related MPAN)	500,502,843	4	0.199							
LV Medium Non-Domestic	500,502,843	5-8	1.492	0.164		31.38				
LV Sub Medium Non-Domestic										
HV Medium Non-Domestic										
LV HH Metered	500,502,841	0	8.148	0.200	0.091	12.59	3.02	0.265	3.02	
LV Sub HH Metered	501,503	0	6.921	0.139	0.052	8.63	4.70	0.203	4.70	
HV HH Metered	504,844	0	4.660	0.087	0.027	86.79	3.92	0.135	3.92	
HV Sub HH Metered	505	0								
NHH UMS Category A	500,502,843	8	1.149							
NHH UMS Category B	500,502,843	1	1.562							
NHH UMS Category C	500,502,843	1	2.472							
NHH UMS Category D	500,502,843	1	0.877							
LV UMS (Pseudo HH Metered)	500,502	0	19.845	0.631	0.539					
LV Generation NHH	506,507,845	8	-0.880							
LV Sub Generation NHH										
LV Generation Intermittent	651,653,842	0	-0.880					0.278		
LV Generation Non-Intermittent	650,652,846	0	-8.303	-0.218	-0.102			0.278		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	654,849	0	-0.571			41.44		0.208		
HV Generation Non-Intermittent	508,848	0	-5.678	-0.112	-0.038	41.44		0.208		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN EAST MIDLAND'S DSA (GSP_B)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	510,512,853	1	1.960			3.98				
Domestic Two Rate	510,512,853	2	2.286	0.054		3.98				
Domestic Off Peak (related MPAN)	510,512,853	2	0.437							
Small Non Domestic Unrestricted	510,512,853	3	1.526			5.38				
Small Non Domestic Two Rate	510,512,853	4	1.638	0.043		5.38				
Small Non Domestic Off Peak (related MPAN)	510,512,853	4	0.258							
LV Medium Non-Domestic	510,512,853	5-8	1.684	0.041		32.09				
LV Sub Medium Non-Domestic	511,513	5-8	1.726	0.040		10.18				
LV HH Metered	510,512,731,851	0	8.026	0.516	0.031	10.18	2.32	0.302	2.32	
LV Sub HH Metered	511,513	0	6.704	0.384	0.021	10.18	3.12	0.243	3.12	
HV HH Metered	514,734,854	0	4.636	0.204	0.009	102.32	3.99	0.148	3.99	
NHH UMS category A	510,512,853	8	1.754							
NHH UMS category B	510,512,854	1	2.206							
NHH UMS category C	510,512,855	1	3.622							
NHH UMS category D	510,512,856	1	1.480							
LV UMS (Pseudo HH Metered)	510,512	0	29.914	1.253	0.669					
LV Generation NHH	516,517,732,855	8	-0.800							
LV Sub Generation NHH										
LV Generation Intermittent	656,658,735,852	0	-0.800					0.282		
LV Generation Non-Intermittent	655,657,736,856	0	-6.839	-0.538	-0.030			0.282		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	659,739,859	0	-0.501			17.57		0.203		
HV Generation Non-Intermittent	518,738,858	0	-4.478	-0.292	-0.018	17.57		0.203		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN LONDON POWER NETWORK'S DSA (GSP_C)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	520,522,863	1	2.021			3.95				
Domestic Two Rate	520,522,863	2	2.569	0.178		3.95				
Domestic Off Peak (related MPAN)	520,522,863	2	0.194							
Small Non Domestic Unrestricted	520,522,863	3	1.315			4.17				
Small Non Domestic Two Rate	520,522,863	4	1.617	0.096		4.17				
Small Non Domestic Off Peak (related MPAN)	520,522,863	4	0.312							
LV Medium Non-Domestic	520,522,863	5-8	1.618	0.104		29.96				
LV Sub Medium Non-Domestic	521,523	5-8								
HV Medium Non-Domestic										
LV HH Metered	520,522,861	0	3.691	0.365	0.047	9.38	3.98	0.267	3.98	
LV Sub HH Metered	521,523	0	2.052	0.153	0.012	6.43	7.24	0.177	7.24	
HV HH Metered	524,864	0	1.706	0.115	0.006	68.89	7.32	0.112	7.32	
HV Sub HH Metered	525	0								
NHH UMS category A	520,522,863	8	1.682							
NHH UMS category A	520,522,863	1	1.529							
NHH UMS category A	520,522,863	1	2.544							
NHH UMS category A	520,522,863	1	1.877							
LV UMS (Pseudo HH Metered)	520,522	0	19.805	1.013	0.435					
LV Generation NHH	526,527,865	8	-1.065							
LV Sub Generation NHH										
LV Generation Intermittent	661,663,862	0	-1.065					0.335		
LV Generation Non-Intermittent	660,662,866	0	-4.934	-0.497	-0.067			0.335		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	664,869	0	-0.605			32.89		0.267		
HV Generation Non-Intermittent	528,858	0	-2.984	-0.213	-0.015	32.89		0.267		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN MANWEB'S DSA (GSP_D)

Independent Power Networks Limited - Effective from APRIL 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	530,532,873	1	3.501			3.52				
Domestic Two Rate	530,532,873	2	4.284	0.397		3.52				
Domestic Off Peak (related MPAN)	530,532,873	2	0.376							
Small Non Domestic Unrestricted	530,532,873	3	3.024			4.47				
Small Non Domestic Two Rate	530,532,873	4	3.336	0.233		4.47				
Small Non Domestic Off Peak (related MPAN)	530,532,873	4	0.286							
LV Medium Non-Domestic	530,532,873	5-8	3.452	0.218		21.07				
LV Sub Medium Non-Domestic	531,533	5-8	3.132	0.197		26.42				
LV HH Metered	530,532,871	0	15.226	1.057	0.182	17.40	2.35	0.629	2.35	
LV Sub HH Metered	531,533	0	13.531	0.724	0.154	6.14	4.87	0.490	4.87	
HV HH Metered	534,874	0	10.592	0.445	0.108	92.97	3.72	0.347	3.72	
NHH UMS category A	530,532,873	8	1.624							
NHH UMS category B	530,532,873	1	2.290							
NHH UMS category C	530,532,873	1	3.961							
NHH UMS category D	530,532,873	1	1.126							
LV UMS (Pseudo HH Metered)	530,532	0	31.591	1.024	0.448					
LV Generation NHH	536,537,875	8	-1.163							
LV Sub Generation NHH			-1.039							
LV Generation Intermittent	666,668,872	0	-1.163					0.345		
LV Generation Non-Intermittent	665,667,876	0	-8.339	-0.909	-0.121			0.345		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	669,879	0	-0.673			67.89		0.242		
HV Generation Non-Intermittent	538,878	0	-5.450	-0.380	-0.072	67.89		0.242		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN WEST MIDLANDS DSA (GSP_E)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	540,542,883	1	2.183			4.82				
Domestic Two Rate	540,542,883	2	2.510	0.104		4.82				
Domestic Off Peak (related MPAN)	540,542,883	2	0.201							
Small Non Domestic Unrestricted	540,542,883	3	1.723			6.25				
Small Non Domestic Two Rate	540,542,883	4	2.057	0.089		6.25				
Small Non Domestic Off Peak (related MPAN)	540,542,883	4	0.313							
LV Medium Non-Domestic	540,542,883	5-8	1.976	0.083		37.02				
LV Sub Medium Non-Domestic	541,543	5-8	1.774	0.066		24.13				
LV HH Metered	540,542,881	0	8.705	0.627	0.056	10.42	3.22	0.332	3.22	
LV Sub HH Metered	541,543	0	7.452	0.481	0.034	10.42	4.21	0.267	4.21	
HV HH Metered	544,884	0	5.298	0.292	0.017	104.75	4.95	0.171	4.95	
NHH UMS category A	540,542,883	8	1.924							
NHH UMS category B	540,542,883	1	2.369							
NHH UMS category C	540,542,883	1	3.931							
NHH UMS category D	540,542,883	1	1.669							
LV UMS (Pseudo HH Metered)	540,542	0	32.872	1.377	0.728					
LV Generation NHH	546,547,885	8	-0.702							
LV Sub Generation NHH										
LV Generation Intermittent	671,673,882	0	-0.702					0.279		
LV Generation Non-Intermittent	670,672,886	0	-5.482	-0.563	-0.100			0.279		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	674,889	0	-0.387			17.98		0.206		
HV Generation Non-Intermittent	548,888	0	-3.135	-0.298	-0.104	17.98		0.206		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN NORTHERN ELECTRIC'S DSA (GSP_F)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	550,552,893	1	2.467			4.42				
Domestic Two Rate	550,552,893	2	2.969	0.188		4.42				
Domestic Off Peak (related MPAN)	550,552,893	2	0.356							
Small Non Domestic Unrestricted	550,552,893	3	2.322			4.06				
Small Non Domestic Two Rate	550,552,893	4	2.877	0.243		4.06				
Small Non Domestic Off Peak (related MPAN)	550,552,893	4	0.419							
LV Medium Non-Domestic	550,552,893	5-8	2.132	0.163		23.02				
LV Sub Medium Non-Domestic	551,553	5-8	2.085	0.191		55.47				
HV Medium Non-Domestic										
LV HH Metered	550,552,891	0	9.072	1.097	0.121	12.30	1.40	0.344	1.40	
LV Sub HH Metered	551,553	0	8.417	0.889	0.089	41.10	2.05	0.283	2.05	
HV HH Metered	554,894	0	6.743	0.627	0.057	104.51	1.83	0.215	1.83	
HV Sub HH Metered	555	0								
NHH UMS category A	550,552,893	8	1.445							
NHH UMS category B	550,552,893	1	1.894							
NHH UMS category C	550,552,893	1	3.440							
NHH UMS category D	550,552,893	1	1.145							
LV UMS (Pseudo HH Metered)	550,552	0	25.830	1.239	0.143					
LV Generation NHH	556,557,895	8	-0.634							
LV Sub Generation NHH										
LV Generation Intermittent	676,678,892	0	-0.634					0.151		
LV Generation Non-Intermittent	675,677,896	0	-2.762	-0.889	-0.117			0.151		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	679,899	0	-0.365			110.48		0.109		
HV Generation Non-Intermittent	558,898	0	-1.544	-0.531	-0.200	110.48		0.109		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN NORTH WEST ELECTRICITY'S DSA (GSP_G)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	560,562,903	1	2.887			3.42				
Domestic Two Rate	560,562,903	2	2.992	0.291		3.42				
Domestic Off Peak (related MPAN)	560,562,903	2	0.304							
Small Non Domestic Unrestricted	560,562,903	3	2.412			3.42				
Small Non Domestic Two Rate	560,562,903	4	2.553	0.251		3.42				
Small Non Domestic Off Peak (related MPAN)	560,562,903	4	0.252							
LV Medium Non-Domestic	560,562,903	5-8	2.448	0.225		24.20				
LV Sub Medium Non-Domestic	561,563	5-8	2.070	0.186		57.08				
HV Medium Non-Domestic										
LV HH Metered	560,562,901	0	11.537	0.941	0.142	11.93	3.35	0.316	3.35	
LV Sub HH Metered	561,563	0	11.547	0.890	0.137	34.94	3.29	0.297	3.29	
HV HH Metered	564,904	0	8.823	0.608	0.098	102.60	3.19	0.206	3.19	
HV Sub HH Metered	565	0								
NHH UMS category A	560,562,903	8	2.719							
NHH UMS category B	560,562,903	1	3.183							
NHH UMS category C	560,562,903	1	4.587							
NHH UMS category D	560,562,903	1	2.439							
LV UMS (Pseudo HH Metered)	560,562	0	42.508	2.471	1.622					
LV Generation NHH	566,567,905	8	-0.898							
LV Sub Generation NHH										
LV Generation Intermittent	681,683,902	0	-0.898					0.229		
LV Generation Non-Intermittent	680,682,906	0	-8.907	-0.931	-0.128			0.229		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	684,909	0	-0.444			6.36		0.125		
HV Generation Non-Intermittent	568,908	0	-4.546	-0.435	-0.382	6.36		0.125		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN SOUTHERN ELECTRIC'S DSA (GSP_H)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges											
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)	Closed LLFCs	IPNL Charging Code
Domestic Unrestricted	570,572,913	1	2.427			2.64					H010
Domestic Two Rate	570,572,913	2	2.587	0.122		2.64					H020
Domestic Off Peak (related MPAN)	570,572,913	2	0.254								H021
Small Non Domestic Unrestricted	570,572,913	3	1.695			4.17					H030
Small Non Domestic Two Rate	570,572,913	4	2.441	0.105		4.17					H040
Small Non Domestic Off Peak (related MPAN)	570,572,913	4	0.269								H041
LV Medium Non-Domestic	570,572,913	5-8	1.757	0.083		21.88					H090
LV Sub Medium Non-Domestic	571,573	5-8	1.161	0.053		3.43					H091
HV Medium Non-Domestic											
LV HH Metered	570,572,911	0	10.074	0.992	0.054	8.70	2.36	0.306	2.36		H300
LV Sub HH Metered	571,573	0	7.647	0.480	0.019	3.43	4.39	0.209	4.39		H500
HV HH Metered	574,914	0	7.036	0.375	0.014	83.51	4.93	0.174	4.93		H400
HV Sub HH Metered	575	0									
NHH UMS category A	570,572,913	8	1.345								H051
NHH UMS category B	570,572,913	1	1.426								H052
NHH UMS category C	570,572,913	1	2.341								H053
NHH UMS category D	570,572,913	1	1.320								H054
LV UMS (Pseudo HH Metered)	570,572	0	20.569	1.759	0.426						H200
LV Generation NHH	576,577,915	8	-0.686								H900
LV Sub Generation NHH											
LV Generation Intermittent	686,688,912	0	-0.686					0.184			H902
LV Generation Non-Intermittent	685,687,916	0	-5.192	-0.963	-0.093			0.184			H903
LV Sub Generation Intermittent											
LV Sub Generation Non-Intermittent											
HV Generation Intermittent	689,919	0	-0.354			103.42		0.143			H904
HV Generation Non-Intermittent	578,918	0	-3.491	-0.314	-0.016	103.42		0.143			H905

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN SOUTH EASTERN'S DSA (GSP_J)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges											
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)	Closed LLFCs	IPNL Charging Code
Domestic Unrestricted	580,582,923	1	2.276			4.16					J010
Domestic Two Rate	580,582,923	2	2.877	0.122		4.16					J020
Domestic Off Peak (related MPAN)	580,582,923	2	0.431								J021
Small Non Domestic Unrestricted	580,582,923	3	1.612			4.47					J030
Small Non Domestic Two Rate	580,582,923	4	1.799	0.079		4.47					J040
Small Non Domestic Off Peak (related MPAN)	580,582,923	4	0.312								J041
LV Medium Non-Domestic	580,582,923	5-8	1.752	0.081		31.29					J090
LV Sub Medium Non-Domestic	581,583	5-8									
HV Medium Non-Domestic											
LV HH Metered	580,582,921	0	10.606	0.265	0.050	13.16	2.79	0.318	2.79		J300
LV Sub HH Metered	581,583	0	10.323	0.195	0.037	9.03	4.35	0.274	4.35		J500
HV HH Metered	584,924	0	7.475	0.122	0.023	70.76	3.08	0.208	3.08		J400
HV Sub HH Metered	585	0									
NHH UMS category A	580,582	8	1.361								J051
NHH UMS category B	580,582	1	1.836								J052
NHH UMS category C	580,582	1	3.054								J053
NHH UMS category D	580,582	1	1.067								J054
LV UMS (Pseudo HH Metered)	580,582	0	25.882	0.731	0.519						J200
LV Generation NHH	586,587,925	8	-0.753								J900
LV Sub Generation NHH											
LV Generation Intermittent	691,693,922	0	-0.753					0.217			J902
LV Generation Non-Intermittent	690,692,926	0	-7.047	-0.255	-0.047			0.217			J903
LV Sub Generation Intermittent											
LV Sub Generation Non-Intermittent											
HV Generation Intermittent	689,929	0	-0.468			33.78		0.161			J904
HV Generation Non-Intermittent	588,928	0	-4.670	-0.104	-0.020	33.78		0.161			J905

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN SOUTH WALES'S DSA (GSP_K)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges											
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs	IPNL Charging Code
Domestic Unrestricted	590,592,933	1	3.355			4.09					K010
Domestic Two Rate	590,592,933	2	3.712	0.267		4.09					K020
Domestic Off Peak (related MPAN)	590,592,933	2	0.285								K021
Small Non Domestic Unrestricted	590,592,933	3	2.740			6.86					K030
Small Non Domestic Two Rate	590,592,933	4	3.427	0.310		6.86					K040
Small Non Domestic Off Peak (related MPAN)	590,592,933	4	0.317								K041
LV Medium Non-Domestic	590,592,933	5-8	3.273	0.213		48.19					K090
LV Sub Medium Non-Domestic	591,593	5-8	2.119	0.138		4.14					K091
LV HH Metered	590,592,931	0	16.458	1.367	0.163	10.66	2.74	0.551	2.74		K300
LV Sub HH Metered	591,593	0	12.451	1.017	0.122	7.70	3.20	0.486	3.20		K500
HV HH Metered	594,934	0	12.469	1.002	0.116	85.89	3.24	0.385	3.24		K400
NHH UMS category A	590,592,933	8	2.635								K051
NHH UMS category B	590,592,933	1	3.043								K052
NHH UMS category C	590,592,933	1	4.979								K053
NHH UMS category D	590,592,933	1	2.341								K054
LV UMS (Pseudo HH Metered)	590,592	0	42.645	2.546	0.959						K200
LV Generation NHH	596,697,935	8	-0.786								K900
LV Sub Generation NHH											
LV Generation Intermittent	696,697,932	0	-0.786					0.258			K902
LV Generation Non-Intermittent	695,698,936	0	-6.339	-0.612	-0.100			0.258			K903
LV Sub Generation Intermittent											
LV Sub Generation Non-Intermittent											
HV Generation Intermittent	699,939	0	-0.486			36.92		0.183			K904
HV Generation Non-Intermittent	598,938	0	-3.882	-0.375	-0.079	36.92		0.183			K905

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN SOUTH WESTERN ELECTRICITY'S DSA (GSP_L)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges											
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs	IPNL Charging Code
Domestic Unrestricted	600,602,943	1	3.345			4.23					L010
Domestic Two Rate	600,602,943	2	4.047	0.256		4.23					L020
Domestic Off Peak (related MPAN)	600,602,943	2	0.215								L021
Small Non Domestic Unrestricted	600,602,943	3	2.541			6.59					L030
Small Non Domestic Two Rate	600,602,943	4	2.872	0.235		6.59					L040
Small Non Domestic Off Peak (related MPAN)	600,602,943	4	0.227								L041
LV Medium Non-Domestic	600,602,943	5-8	2.574	0.226		35.44					L090
LV Sub Medium Non-Domestic	601,603	5-8	2.445	0.203		22.10					L091
LV HH Metered	600,602,941	0	24.410	0.287	0.161	9.05	2.60	0.382	2.60		L300
LV Sub HH Metered	601,603	0	22.433	0.170	0.115	6.54	2.87	0.318	2.87		L500
HV HH Metered	604,944	0	18.909	0.072	0.071	72.95	2.22	0.250	2.22		L400
NHH UMS category A	600,602,943	8	2.390								L051
NHH UMS category B	600,602,943	1	3.544								L052
NHH UMS category C	600,602,943	1	5.984								L053
NHH UMS category D	600,602,943	1	1.499								L054
LV UMS (Pseudo HH Metered)	600,602	0	78.944	1.179	0.904						L200
LV Generation NHH	606,607,645	8	-0.649								L900
LV Sub Generation NHH											
LV Generation Intermittent	701,703,942	0	-0.649					0.147			L902
LV Generation Non-Intermittent	700,702,946	0	-7.478	-0.300	-0.137			0.147			L903
LV Sub Generation Intermittent											
LV Sub Generation Non-Intermittent											
HV Generation Intermittent	704,949	0	-0.368			31.36		0.092			L904
HV Generation Non-Intermittent	608,948	0	-4.834	-0.096	-0.077	31.36		0.092			L905

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN YORKSHIRE ELECTRIC'S DSA (GSP_M)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges											
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs	IPNL Charging Code
Domestic Unrestricted	610,612,953	1	2.100			4.49					M010
Domestic Two Rate	610,612,953	2	2.650	0.097		4.49					M020
Domestic Off Peak (related MPAN)	610,612,953	2	0.350								M021
Small Non Domestic Unrestricted	610,612,953	3	1.958			4.13					M030
Small Non Domestic Two Rate	610,612,953	4	2.633	0.161		4.13					M040
Small Non Domestic Off Peak (related MPAN)	610,612,953	4	0.472								M041
LV Medium Non-Domestic	610,612,953	5-8	1.976	0.058		28.58					M090
LV Sub Medium Non-Domestic	611,613	5-8	1.354	0.039		41.18					M091
HV Medium Non-Domestic											
LV HH Metered	610,612,951	0	7.974	0.795	0.046	12.32	1.37	0.299	1.37		M300
LV Sub HH Metered	611,613	0	6.761	0.624	0.035	41.18	1.79	0.232	1.79		M500
HV HH Metered	614,954	0	5.539	0.471	0.025	104.72	1.68	0.178	1.68		M400
HV Sub HH Metered	615	0									
NHH UMS category A	610,612,953	8	1.140								M051
NHH UMS category B	610,612,953	1	1.551								M052
NHH UMS category C	610,612,953	1	2.901								M053
NHH UMS category D	610,612,953	1	0.875								M054
LV UMS (Pseudo HH Metered)	610,612	0	22.758	0.857	0.051						M200
LV Generation NHH	616,617,955	8	-0.560								M900
LV Sub Generation NHH		8									
LV Generation Intermittent	706,708,952	0	-0.560					0.139			M902
LV Generation Non-Intermittent	705,707,956	0	-3.544	-0.538	-0.026			0.139			M903
LV Sub Generation Intermittent											
LV Sub Generation Non-Intermittent											
HV Generation Intermittent	709,959	0	-0.348			110.70		0.101			M904
HV Generation Non-Intermittent	618,958	0	-2.248	-0.319	-0.024	110.70		0.101			M905

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN SCOTTISH POWER'S DSA (GSP_N)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	620,622,963	1	2.370			4.47				
Domestic Two Rate	620,622,963	2	3.049	0.371		4.47				
Domestic Off Peak (related MPAN)	620,622,963	2	0.253							
Small Non Domestic Unrestricted	620,622,963	3	2.053			5.68				
Small Non Domestic Two Rate	620,622,963	4	2.769	0.402		5.68				
Small Non Domestic Off Peak (related MPAN)	620,622,963	4	0.818							
LV Medium Non-Domestic	620,622,963	5-8	1.664	0.261		28.58				
LV Sub Medium Non-Domestic	621,623	5-8	1.360	0.193						
LV HH Metered	626,628,964	0	9.218	0.772	0.159	22.04	2.25	0.273	2.25	
LV Sub HH Metered	627,629	0	7.967	0.522	0.040	7.78	4.20	0.215	4.20	
HV HH Metered	624,965	0	6.250	0.410	0.031	117.78	4.56	0.160	4.56	
NHH UMS category A	620,622,963	8	1.424							
NHH UMS category B	620,622,963	1	1.910							
NHH UMS category C	620,622,963	1	3.078							
NHH UMS category D	620,622,963	1	1.046							
LV UMS (Pseudo HH Metered)	626,628	0	22.453	1.011	0.591					
LV Generation NHH	641,646,967	8	-0.694							
LV Sub Generation NHH										
LV Generation Intermittent	711,713,962	0	-0.694					0.147		
LV Generation Non-Intermittent	710,712,968	0	-4.498	-0.519	-0.110			0.147		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	714,969	0	-0.359			86.00		0.109		
HV Generation Non-Intermittent	645,970	0	-3.054	-0.200	-0.016	86.00		0.109		

CHARGES FOR CUSTOMERS ON IPNL EMBEDDED NETWORKS IN SCOTTISH HYDRO'S DSA (GSP_P)

Independent Power Networks Limited - Effective from April 2013 - FINAL LV/HV Charges										
	Open LLFCs	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)	Closed LLFCs
Domestic Unrestricted	630,632,973	1	4.034			6.72				
Domestic Two Rate	630,632,973	2	4.894	1.824		6.72				
Domestic Off Peak (related MPAN)	630,632,973	2	1.555							
Small Non Domestic Unrestricted	630,632,973	3	3.226			10.55				
Small Non Domestic Two Rate	630,632,973	4	4.306	0.905		10.55				
Small Non Domestic Off Peak (related MPAN)	630,632,973	4	1.332							
LV Medium Non-Domestic	630,632,973	5-8	3.870	0.995		65.48				
LV Sub Medium Non-Domestic	631,633	5-8	2.041	0.528		8.42				
HV Medium Non-Domestic										
LV HH Metered	630,632,971	0	6.894	1.977	0.476	21.36	3.75	0.487	3.75	
LV Sub HH Metered	631,633	0	5.813	1.689	0.422	8.42	6.65	0.406	6.65	
HV HH Metered	634,974	0	4.026	1.185	0.307	204.97	9.66	0.281	9.66	
HV Sub HH Metered	635	0								
NHH UMS category A	630,632,973	8	2.637							
NHH UMS category B	630,632,973	1	2.849							
NHH UMS category C	630,632,973	1	4.299							
NHH UMS category D	630,632,973	1	2.483							
LV UMS (Pseudo HH Metered)	630,632	0	14.450	2.577	1.193					
LV Generation NHH	636,637,975	8	-0.969							
LV Sub Generation NHH										
LV Generation Intermittent	716,718,972	0	-0.969					0.216		
LV Generation Non-Intermittent	715,717,976	0	-3.247	-0.884	-0.180			0.216		
LV Sub Generation Intermittent										
LV Sub Generation Non-Intermittent										
HV Generation Intermittent	719,979	0	-0.446			253.86		0.169		
HV Generation Non-Intermittent	638,978	0	-1.483	-0.409	-0.087	253.86		0.169		

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

IPNL does not have any customers connected at EHV at this time.

Annex 3 - Schedule of Charges for use of the Distribution System to Preserved/Additional LLFC Classes

IPNL does not have any customers on preserved tariffs.

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

GSP A

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.254			3.01			
LDNO LV: Domestic Two Rate	2	1.526	0.121		3.01			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.108						
LDNO LV: Small Non Domestic Unrestricted	3	0.952			3.22			
LDNO LV: Small Non Domestic Two Rate	4	1.132	0.097		3.22			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.138						
LDNO LV: LV Medium Non-Domestic	5-8	1.037	0.114		21.82			
LDNO LV: LV HH Metered	0	5.665	0.139	0.063	8.75	2.10	0.184	2.10
LDNO LV: NHH UMS Category A	8	0.799						
LDNO LV: NHH UMS Category B	1	1.086						
LDNO LV: NHH UMS Category C	1	1.719						
LDNO LV: NHH UMS Category D	1	0.610						
LDNO LV: LV UMS (Pseudo HH Metered)	0	13.798	0.439	0.375				
LDNO LV: LV Generation NHH	8	-0.880						
LDNO LV: LV Generation Intermittent	0	-0.880					0.278	
LDNO LV: LV Generation Non-Intermittent	0	-8.303	-0.218	-0.102			0.278	
LDNO HV: Domestic Unrestricted	1	0.892			2.14			
LDNO HV: Domestic Two Rate	2	1.086	0.086		2.14			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.077						
LDNO HV: Small Non Domestic Unrestricted	3	0.677			2.29			
LDNO HV: Small Non Domestic Two Rate	4	0.805	0.069		2.29			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.098						
LDNO HV: LV Medium Non-Domestic	5-8	0.738	0.081		15.52			
LDNO HV: LV HH Metered	0	4.031	0.099	0.045	6.23	1.49	0.131	1.49
LDNO HV: LV Sub HH Metered	0	5.097	0.102	0.038	6.36	3.46	0.149	3.46
LDNO HV: HV HH Metered	0	3.827	0.071	0.022	71.27	3.22	0.111	3.22
LDNO HV: NHH UMS Category A	8	0.568						
LDNO HV: NHH UMS Category B	1	0.773						
LDNO HV: NHH UMS Category C	1	1.223						
LDNO HV: NHH UMS Category D	1	0.434						
LDNO HV: LV UMS (Pseudo HH Metered)	0	9.818	0.312	0.267				
LDNO HV: LV Generation NHH	8	-0.880						
LDNO HV: LV Sub Generation NHH	8							
LDNO HV: LV Generation Intermittent	0	-0.880					0.278	
LDNO HV: LV Generation Non-Intermittent	0	-8.303	-0.218	-0.102			0.278	
LDNO HV: LV Sub Generation Intermittent	0	-0.794					0.255	
LDNO HV: LV Sub Generation Non-Intermittent	0	-7.572	-0.189	-0.094			0.255	
LDNO HV: HV Generation Intermittent	0	-0.571					0.208	
LDNO HV: HV Generation Non-Intermittent	0	-5.678	-0.112	-0.094			0.208	

GSP B

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.403			2.85			
LDNO LV: Domestic Two Rate	2	1.636	0.039		2.85			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.313						
LDNO LV: Small Non Domestic Unrestricted	3	1.092			3.85			
LDNO LV: Small Non Domestic Two Rate	4	1.172	0.031		3.85			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.185						
LDNO LV: LV Medium Non-Domestic	5-8	1.205	0.029		22.97			
LDNO LV: LV HH Metered	0	5.745	0.369	0.022	7.29	1.66	0.216	1.66
LDNO LV: NHH UMS category A	8	1.255						
LDNO LV: NHH UMS category B	1	1.579						
LDNO LV: NHH UMS category C	1	2.593						
LDNO LV: NHH UMS category D	1	1.059						
LDNO LV: LV UMS (Pseudo HH Metered)	0	21.412	0.897	0.479				
LDNO LV: LV Generation NHH	8	-0.800						
LDNO LV: LV Generation Intermittent	0	-0.800					0.282	
LDNO LV: LV Generation Non-Intermittent	0	-6.839	-0.538	-0.003			0.282	
LDNO HV: Domestic Unrestricted	1	1.040			2.11			
LDNO HV: Domestic Two Rate	2	1.213	0.029		2.11			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.232						
LDNO HV: Small Non Domestic Unrestricted	3	0.809			2.85			
LDNO HV: Small Non Domestic Two Rate	4	0.869	0.023		2.85			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.137						
LDNO HV: LV Medium Non-Domestic	5-8	0.893	0.022		17.02			
LDNO HV: LV HH Metered	0	4.257	0.274	0.016	5.40	1.23	0.160	1.23
LDNO HV: LV Sub HH Metered	0	5.034	0.288	0.016	7.64	2.34	0.182	2.34
LDNO HV: HV HH Metered	0	3.914	0.172	0.008	86.38	3.37	0.125	3.37
LDNO HV: NHH UMS category A	8	0.930						
LDNO HV: NHH UMS category B	1	1.170						
LDNO HV: NHH UMS category C	1	1.921						
LDNO HV: NHH UMS category D	1	0.785						
LDNO HV: LV UMS (Pseudo HH Metered)	0	15.867	0.665	0.355				
LDNO HV: LV Generation NHH	8	-0.800						
LDNO HV: LV Sub Generation NHH	8	-0.687						
LDNO HV: LV Generation Intermittent	0	-0.800					0.282	
LDNO HV: LV Generation Non-Intermittent	0	-6.839	-0.538	-0.003			0.282	
LDNO HV: LV Sub Generation Intermittent	0	-0.687					0.254	
LDNO HV: LV Sub Generation Non-Intermittent	0	-5.936	-0.449	-0.007			0.254	
LDNO HV: HV Generation Intermittent	0	-0.501					0.203	
LDNO HV: HV Generation Non-Intermittent	0	-4.478	-0.292	-0.018			0.203	

GSP C

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.565			3.06			
LDNO LV: Domestic Two Rate	2	1.989	0.138		3.06			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.150						
LDNO LV: Small Non Domestic Unrestricted	3	1.018			3.23			
LDNO LV: Small Non Domestic Two Rate	4	1.252	0.074		3.23			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.242						
LDNO LV: LV Medium Non-Domestic	5-8	1.253	0.081		23.20			
LDNO LV: LV HH Metered	0	2.858	0.283	0.036	7.26	3.08	0.207	3.08
LDNO LV: NHH UMS category A	8	1.303						
LDNO LV: NHH UMS category B	1	1.184						
LDNO LV: NHH UMS category C	1	1.970						
LDNO LV: NHH UMS category D	1	1.454						
LDNO LV: LV UMS (Pseudo HH Metered)	0	15.337	0.784	0.337				
LDNO LV: LV Generation NHH	8	-1.065						
LDNO LV: LV Generation Intermittent	0	-1.065					0.335	
LDNO LV: LV Generation Non-Intermittent	0	-4.934	-0.497	-0.067			0.335	
LDNO HV: Domestic Unrestricted	1	1.158			2.26			
LDNO HV: Domestic Two Rate	2	1.472	0.102		2.26			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.111						
LDNO HV: Small Non Domestic Unrestricted	3	0.753			2.39			
LDNO HV: Small Non Domestic Two Rate	4	0.926	0.055		2.39			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.179						
LDNO HV: LV Medium Non-Domestic	5-8	0.927	0.060		17.16			
LDNO HV: LV HH Metered	0	2.114	0.209	0.027	5.37	2.28	0.153	2.28
LDNO HV: LV Sub HH Metered	0	1.582	0.118	0.009	4.96	5.58	0.136	5.58
LDNO HV: HV HH Metered	0	1.453	0.098	0.005	58.66	6.23	0.095	6.23
LDNO HV: NHH UMS category A	8	0.964						
LDNO HV: NHH UMS category A	1	0.876						
LDNO HV: NHH UMS category A	1	1.457						
LDNO HV: NHH UMS category A	1	1.075						
LDNO HV: LV UMS (Pseudo HH Metered)	0	11.346	0.580	0.249				
LDNO HV: LV Generation NHH	8	-1.065						
LDNO HV: LV Sub Generation NHH	8							
LDNO HV: LV Generation Intermittent	0	-1.065					0.335	
LDNO HV: LV Generation Non-Intermittent	0	-4.934	-0.497	-0.067			0.335	
LDNO HV: LV Sub Generation Intermittent	0	-0.951					0.306	
LDNO HV: LV Sub Generation Non-Intermittent	0	-4.445	-0.428	-0.054			0.306	
LDNO HV: HV Generation Intermittent	0	-0.605					0.267	
LDNO HV: HV Generation Non-Intermittent	0	-2.984	-0.213	-0.015			0.267	

GSP D

Independent Power Networks Limited - Effective from APRIL 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	2.383			2.40			
LDNO LV: Domestic Two Rate	2	2.916	0.270		2.40			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.256						
LDNO LV: Small Non Domestic Unrestricted	3	2.058			3.04			
LDNO LV: Small Non Domestic Two Rate	4	2.271	0.159		3.04			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.195						
LDNO LV: LV Medium Non-Domestic	5-8	2.350	0.148		14.34			
LDNO LV: LV HH Metered	0	10.364	0.719	0.124	11.84	1.60	0.428	1.60
LDNO LV: NHH UMS category A	8	1.105						
LDNO LV: NHH UMS category B	1	1.559						
LDNO LV: NHH UMS category C	1	2.696						
LDNO LV: NHH UMS category D	1	0.766						
LDNO LV: LV UMS (Pseudo HH Metered)	0	21.503	0.697	0.305				
LDNO LV: LV Generation NHH	8	-1.163						
LDNO LV: LV Generation Intermittent	0	-1.163					0.345	
LDNO LV: LV Generation Non-Intermittent	0	-8.339	-0.909	-0.121			0.345	
LDNO HV: Domestic Unrestricted	1	1.477			1.49			
LDNO HV: Domestic Two Rate	2	1.807	0.167		1.49			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.159						
LDNO HV: Small Non Domestic Unrestricted	3	1.276			1.89			
LDNO HV: Small Non Domestic Two Rate	4	1.407	0.098		1.89			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.121						
LDNO HV: LV Medium Non-Domestic	5-8	1.456	0.092		8.89			
LDNO HV: LV HH Metered	0	6.424	0.446	0.077	7.34	0.99	0.265	0.99
LDNO HV: LV Sub HH Metered	0	8.831	0.473	0.101	4.01	3.18	0.320	3.18
LDNO HV: HV HH Metered	0	7.716	0.324	0.079	67.72	2.71	0.253	2.71
LDNO HV: NHH UMS category A	8	0.685						
LDNO HV: NHH UMS category B	1	0.966						
LDNO HV: NHH UMS category C	1	1.671						
LDNO HV: NHH UMS category D	1	0.475						
LDNO HV: LV UMS (Pseudo HH Metered)	0	13.328	0.432	0.189				
LDNO HV: LV Generation NHH	8	-1.183						
LDNO HV: LV Sub Generation NHH	8	-1.039						
LDNO HV: LV Generation Intermittent	0	-1.163					0.345	
LDNO HV: LV Generation Non-Intermittent	0	-8.339	-0.909	-0.121			0.345	
LDNO HV: LV Sub Generation Intermittent	0	-1.039					0.320	
LDNO HV: LV Sub Generation Non-Intermittent	0	-7.559	-0.785	-0.109			0.320	
LDNO HV: HV Generation Intermittent	0	-0.673					0.242	
LDNO HV: HV Generation Non-Intermittent	0	-5.450	-0.380	-0.072			0.242	

GSP E

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.509			3.33			
LDNO LV: Domestic Two Rate	2	1.735	0.072		3.33			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.139						
LDNO LV: Small Non Domestic Unrestricted	3	1.191			4.32			
LDNO LV: Small Non Domestic Two Rate	4	1.422	0.062		4.32			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.216						
LDNO LV: LV Medium Non-Domestic	5-8	1.366	0.057		25.59			
LDNO LV: LV HH Metered	0	6.017	0.433	0.039	7.20	2.23	0.229	2.23
LDNO LV: NHH UMS category A	8	1.330						
LDNO LV: NHH UMS category A	1	1.637						
LDNO LV: NHH UMS category A	1	2.717						
LDNO LV: NHH UMS category A	1	1.154						
LDNO LV: LV UMS (Pseudo HH Metered)	0	22.720	0.952	0.503				
LDNO LV: LV Generation NHH	8	(0.702)						
LDNO LV: LV Generation Intermittent	0	(0.702)					0.279	
LDNO LV: LV Generation Non-Intermittent	0	-5.482	-0.563	-0.304			0.279	
LDNO HV: Domestic Unrestricted	1	1.090			2.41			
LDNO HV: Domestic Two Rate	2	1.253	0.052		2.41			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.100						
LDNO HV: Small Non Domestic Unrestricted	3	0.860			3.12			
LDNO HV: Small Non Domestic Two Rate	4	1.027	0.044		3.12			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.156						
LDNO HV: LV Medium Non-Domestic	5-8	0.986	0.041		18.48			
LDNO HV: LV HH Metered	0	4.346	0.313	0.028	5.20	1.61	0.166	1.61
LDNO HV: LV Sub HH Metered	0	5.557	0.359	0.025	7.77	3.14	0.199	3.14
LDNO HV: HV HH Metered	0	4.491	0.248	0.014	88.80	4.20	0.145	4.20
LDNO HV: NHH UMS category A	8	0.961						
LDNO HV: NHH UMS category B	1	1.183						
LDNO HV: NHH UMS category C	1	1.962						
LDNO HV: NHH UMS category D	1	0.833						
LDNO HV: LV UMS (Pseudo HH Metered)	0	16.410	0.687	0.363				
LDNO HV: LV Generation NHH	8	-0.702						
LDNO HV: LV Sub Generation NHH	8	-0.592						
LDNO HV: LV Generation Intermittent	0	-0.702					0.279	
LDNO HV: LV Generation Non-Intermittent	0	-5.482	-0.563	-0.304			0.279	
LDNO HV: LV Sub Generation Intermittent	0	-0.592					0.251	
LDNO HV: LV Sub Generation Non-Intermittent	0	-4.661	-0.471	-0.307			0.251	
LDNO HV: HV Generation Intermittent	0	-0.387					0.206	
LDNO HV: HV Generation Non-Intermittent	0	-3.135	-0.298	-0.022			0.206	

GSP F

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.606			2.88			
LDNO LV: Domestic Two Rate	2	1.932	0.122		2.88			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.232						
LDNO LV: Small Non Domestic Unrestricted	3	1.511			2.64			
LDNO LV: Small Non Domestic Two Rate	4	1.873	0.158		2.64			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.273						
LDNO LV: LV Medium Non-Domestic	5-8	1.388	0.106		14.98			
LDNO LV: LV HH Metered	0	5.905	0.714	0.079	8.01	0.91	0.224	0.91
LDNO LV: NHH UMS category A	8	0.940						
LDNO LV: NHH UMS category B	1	1.233						
LDNO LV: NHH UMS category C	1	2.239						
LDNO LV: NHH UMS category D	1	0.745						
LDNO LV: LV UMS (Pseudo HH Metered)	0	16.812	0.806	0.093				
LDNO LV: LV Generation NHH	8	-0.634						
LDNO LV: LV Generation Intermittent	0	-0.634					0.151	
LDNO LV: LV Generation Non-Intermittent	0	-2.762	-0.889	-0.117			0.151	
LDNO HV: Domestic Unrestricted	1	0.946			1.69			
LDNO HV: Domestic Two Rate	2	1.138	0.072		1.69			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.136						
LDNO HV: Small Non Domestic Unrestricted	3	0.890			1.56			
LDNO HV: Small Non Domestic Two Rate	4	1.103	0.093		1.56			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.161						
LDNO HV: LV Medium Non-Domestic	5-8	0.817	0.062		8.83			
LDNO HV: LV HH Metered	0	3.478	0.421	0.046	4.72	0.54	0.132	0.54
LDNO HV: LV Sub HH Metered	0	5.227	0.552	0.055	25.52	1.27	0.176	1.27
LDNO HV: HV HH Metered	0	5.007	0.466	0.042	77.61	1.36	0.160	1.36
LDNO HV: NHH UMS category A	8	0.554						
LDNO HV: NHH UMS category B	1	0.726						
LDNO HV: NHH UMS category C	1	1.319						
LDNO HV: NHH UMS category D	1	0.439						
LDNO HV: LV UMS (Pseudo HH Metered)	0	9.904	0.475	0.055				
LDNO HV: LV Generation NHH	8	-0.634						
LDNO HV: LV Sub Generation NHH	8	-0.557						
LDNO HV: LV Generation Intermittent	0	-0.634					0.151	
LDNO HV: LV Generation Non-Intermittent	0	-2.762	-0.889	-0.117			0.151	
LDNO HV: LV Sub Generation Intermittent	0	-0.557					0.143	
LDNO HV: LV Sub Generation Non-Intermittent	0	-2.414	-0.784	-0.102			0.143	
LDNO HV: HV Generation Intermittent	0	-0.365					0.109	
LDNO HV: HV Generation Non-Intermittent	0	-1.544	-0.531	-0.305			0.109	

GSP G

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.947			2.31			
LDNO LV: Domestic Two Rate	2	2.018	0.196		2.31			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.205						
LDNO LV: Small Non Domestic Unrestricted	3	1.627			2.31			
LDNO LV: Small Non Domestic Two Rate	4	1.722	0.169		2.31			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.170						
LDNO LV: LV Medium Non-Domestic	5-8	1.651	0.152		16.32			
LDNO LV: LV HH Metered	0	7.782	0.635	0.096	8.05	2.26	0.213	2.26
LDNO LV: NHH UMS category A	8	1.834						
LDNO LV: NHH UMS category B	1	2.147						
LDNO LV: NHH UMS category C	1	3.094						
LDNO LV: NHH UMS category D	1	1.645						
LDNO LV: LV UMS (Pseudo HH Metered)	0	28.672	1.667	1.094				
LDNO LV: LV Generation NHH	8	-0.898						
LDNO LV: LV Generation Intermittent	0	-0.898					0.229	
LDNO LV: LV Generation Non-Intermittent	0	-8.907	-0.931	0.129			0.229	
LDNO HV: Domestic Unrestricted	1	1.306			1.55			
LDNO HV: Domestic Two Rate	2	1.353	0.132		1.55			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.137						
LDNO HV: Small Non Domestic Unrestricted	3	1.091			1.55			
LDNO HV: Small Non Domestic Two Rate	4	1.155	0.114		1.55			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.114						
LDNO HV: LV Medium Non-Domestic	5-8	1.107	0.102		10.94			
LDNO HV: LV HH Metered	0	5.218	0.426	0.064	5.40	1.52	0.143	1.52
LDNO HV: LV Sub HH Metered	0	7.974	0.615	0.095	24.13	2.27	0.205	2.27
LDNO HV: HV HH Metered	0	7.118	0.491	0.079	82.78	2.57	0.166	2.57
LDNO HV: NHH UMS category A	8	1.230						
LDNO HV: NHH UMS category B	1	1.439						
LDNO HV: NHH UMS category C	1	2.074						
LDNO HV: NHH UMS category D	1	1.103						
LDNO HV: LV UMS (Pseudo HH Metered)	0	19.224	1.117	0.734				
LDNO HV: LV Generation NHH	8	-0.898						
LDNO HV: LV Sub Generation NHH	8	-0.700						
LDNO HV: LV Generation Intermittent	0	-0.898					0.229	
LDNO HV: LV Generation Non-Intermittent	0	-8.907	-0.931	0.129			0.229	
LDNO HV: LV Sub Generation Intermittent	0	-0.700					0.185	
LDNO HV: LV Sub Generation Non-Intermittent	0	-7.001	-0.716	0.130			0.185	
LDNO HV: HV Generation Intermittent	0	-0.444					0.125	
LDNO HV: HV Generation Non-Intermittent	0	-4.546	-0.435	0.090			0.125	

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Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.627			1.77			
LDNO LV: Domestic Two Rate	2	1.734	0.082		1.77			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.170						
LDNO LV: Small Non Domestic Unrestricted	3	1.136			2.79			
LDNO LV: Small Non Domestic Two Rate	4	1.636	0.070		2.79			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.180						
LDNO LV: LV Medium Non-Domestic	5-8	1.178	0.056		14.66			
LDNO LV: LV HH Metered	0	6.752	0.665	0.036	5.83	1.58	0.205	1.58
LDNO LV: NHH UMS category A	8	0.901						
LDNO LV: NHH UMS category B	1	0.956						
LDNO LV: NHH UMS category C	1	1.569						
LDNO LV: NHH UMS category D	1	0.885						
LDNO LV: LV UMS (Pseudo HH Metered)	0	13.786	1.179	0.286				
LDNO LV: LV Generation NHH	8	-0.686						
LDNO LV: LV Generation Intermittent	0	-0.686					0.184	
LDNO LV: LV Generation Non-Intermittent	0	-5.192	-0.963	-0.963			0.184	
LDNO HV: Domestic Unrestricted	1	1.072			1.17			
LDNO HV: Domestic Two Rate	2	1.143	0.054		1.17			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.112						
LDNO HV: Small Non Domestic Unrestricted	3	0.749			1.84			
LDNO HV: Small Non Domestic Two Rate	4	1.078	0.046		1.84			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.119						
LDNO HV: LV Medium Non-Domestic	5-8	0.776	0.037		9.67			
LDNO HV: LV HH Metered	0	4.451	0.438	0.024	3.84	1.04	0.135	1.04
LDNO HV: LV Sub HH Metered	0	5.107	0.321	0.013	2.29	2.93	0.140	2.93
LDNO HV: HV HH Metered	0	5.332	0.284	0.011	63.28	3.74	0.132	3.74
LDNO HV: NHH UMS category A	8	0.594						
LDNO HV: NHH UMS category B	1	0.630						
LDNO HV: NHH UMS category C	1	1.034						
LDNO HV: NHH UMS category D	1	0.583						
LDNO HV: LV UMS (Pseudo HH Metered)	0	9.087	0.777	0.188				
LDNO HV: LV Generation NHH	8	-0.686						
LDNO HV: LV Sub Generation NHH	8	-0.587						
LDNO HV: LV Generation Intermittent	0	-0.686					0.184	
LDNO HV: LV Generation Non-Intermittent	0	-5.192	-0.963	-0.963			0.184	
LDNO HV: LV Sub Generation Intermittent	0	-0.587					0.168	
LDNO HV: LV Sub Generation Non-Intermittent	0	-4.652	-0.777	-0.963			0.168	
LDNO HV: HV Generation Intermittent	0	-0.354					0.143	
LDNO HV: HV Generation Non-Intermittent	0	-3.491	-0.314	-0.013			0.143	

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Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.632			2.98			
LDNO LV: Domestic Two Rate	2	2.063	0.088		2.98			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.309						
LDNO LV: Small Non Domestic Unrestricted	3	1.156			3.21			
LDNO LV: Small Non Domestic Two Rate	4	1.290	0.057		3.21			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.224						
LDNO LV: LV Medium Non-Domestic	5-8	1.257	0.058		22.44			
LDNO LV: LV HH Metered	0	7.607	0.190	0.036	9.44	2.00	0.228	2.00
LDNO HV: NHH UMS category A	8	0.976						
LDNO HV: NHH UMS category B	1	1.317						
LDNO HV: NHH UMS category C	1	2.190						
LDNO HV: NHH UMS category D	1	0.765						
LDNO LV: LV UMS (Pseudo HH Metered)	0	18.564	0.524	0.372				
LDNO LV: LV Generation NHH	8	-0.753						
LDNO LV: LV Generation Intermittent	0	-0.753					0.217	
LDNO LV: LV Generation Non-Intermittent	0	-7.047	-0.255	-0.047			0.217	
LDNO HV: Domestic Unrestricted	1	1.154			2.11			
LDNO HV: Domestic Two Rate	2	1.458	0.062		2.11			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.218						
LDNO HV: Small Non Domestic Unrestricted	3	0.817			2.27			
LDNO HV: Small Non Domestic Two Rate	4	0.912	0.040		2.27			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.158						
LDNO HV: LV Medium Non-Domestic	5-8	0.888	0.041		15.86			
LDNO HV: LV HH Metered	0	5.377	0.134	0.025	6.67	1.41	0.161	1.41
LDNO HV: LV Sub HH Metered	0	7.508	0.142	0.027	6.57	3.16	0.199	3.16
LDNO HV: HV HH Metered	0	5.997	0.098	0.018	56.77	2.47	0.167	2.47
LDNO HVplus: NHH UMS category A	8	0.690						
LDNO HVplus: NHH UMS category B	1	0.931						
LDNO HVplus: NHH UMS category C	1	1.548						
LDNO HVplus: NHH UMS category D	1	0.541						
LDNO HV: LV UMS (Pseudo HH Metered)	0	13.120	0.371	0.263				
LDNO HV: LV Generation NHH	8	-0.753						
LDNO HV: LV Sub Generation NHH	8							
LDNO HV: LV Generation Intermittent	0	-0.753					0.217	
LDNO HV: LV Generation Non-Intermittent	0	-7.047	-0.255	-0.047			0.217	
LDNO HV: LV Sub Generation Intermittent	0	-0.671					0.201	
LDNO HV: LV Sub Generation Non-Intermittent	0	-6.357	-0.212	-0.099			0.201	
LDNO HV: HV Generation Intermittent	0	-0.468					0.161	
LDNO HV: HV Generation Non-Intermittent	0	-4.670	-0.104	-0.033			0.161	

GSP K

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	2.315			2.82			
LDNO LV: Domestic Two Rate	2	2.561	0.184		2.82			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.197						
LDNO LV: Small Non Domestic Unrestricted	3	1.890			4.73			
LDNO LV: Small Non Domestic Two Rate	4	2.364	0.214		4.73			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.219						
LDNO LV: LV Medium Non-Domestic	5-8	2.258	0.147		33.25			
LDNO LV: LV HH Metered	0	11.354	0.943	0.112	7.35	1.89	0.380	1.89
LDNO LV: NHH UMS category A	8	1.818						
LDNO LV: NHH UMS category B	1	2.099						
LDNO LV: NHH UMS category C	1	3.435						
LDNO LV: NHH UMS category D	1	1.615						
LDNO LV: LV UMS (Pseudo HH Metered)	0	29.420	1.756	0.662				
LDNO LV: LV Generation NHH	8	-0.786						
LDNO LV: LV Generation Intermittent	0	-0.786					0.258	
LDNO LV: LV Generation Non-Intermittent	0	-6.339	-0.612	-0.102			0.258	
LDNO HV: Domestic Unrestricted	1	1.279			1.56			
LDNO HV: Domestic Two Rate	2	1.415	0.102		1.56			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.109						
LDNO HV: Small Non Domestic Unrestricted	3	1.045			2.62			
LDNO HV: Small Non Domestic Two Rate	4	1.306	0.118		2.62			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.121						
LDNO HV: LV Medium Non-Domestic	5-8	1.248	0.081		18.37			
LDNO HV: LV HH Metered	0	6.274	0.521	0.062	4.06	1.04	0.210	1.04
LDNO HV: LV Sub HH Metered	0	7.071	0.578	0.069	4.37	1.82	0.276	1.82
LDNO HV: HV HH Metered	0	8.411	0.676	0.078	57.94	2.19	0.260	2.19
LDNO HV: NHH UMS category A	8	1.005						
LDNO HV: NHH UMS category B	1	1.160						
LDNO HV: NHH UMS category C	1	1.898						
LDNO HV: NHH UMS category D	1	0.892						
LDNO HV: LV UMS (Pseudo HH Metered)	0	16.258	0.971	0.366				
LDNO HV: LV Generation NHH	8	-0.786						
LDNO HV: LV Sub Generation NHH	8	-0.720						
LDNO HV: LV Generation Intermittent	0	-0.786					0.258	
LDNO HV: LV Generation Non-Intermittent	0	-6.339	-0.612	-0.102			0.258	
LDNO HV: LV Sub Generation Intermittent	0	-0.720					0.225	
LDNO HV: LV Sub Generation Non-Intermittent	0	-5.803	-0.561	-0.096			0.225	
LDNO HV: HV Generation Intermittent	0	-0.486					0.183	
LDNO HV: HV Generation Non-Intermittent	0	-3.882	-0.375	-0.073			0.183	

GSP L

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	2.147			2.72			
LDNO LV: Domestic Two Rate	2	2.598	0.164		2.72			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.138						
LDNO LV: Small Non Domestic Unrestricted	3	1.631			4.23			
LDNO LV: Small Non Domestic Two Rate	4	1.844	0.151		4.23			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.146						
LDNO LV: LV Medium Non-Domestic	5-8	1.653	0.145		22.75			
LDNO LV: LV HH Metered	0	15.671	0.184	0.103	5.81	1.67	0.245	1.67
LDNO LV: NHH UMS category A	8	1.534						
LDNO LV: NHH UMS category B	1	2.275						
LDNO LV: NHH UMS category C	1	3.842						
LDNO LV: NHH UMS category D	1	0.962						
LDNO LV: LV UMS (Pseudo HH Metered)	0	50.682	0.757	0.580				
LDNO LV: LV Generation NHH	8	-0.649						
LDNO LV: LV Generation Intermittent	0	-0.649					0.147	
LDNO LV: LV Generation Non-Intermittent	0	-7.478	-0.300	-0.107			0.147	
LDNO HV: Domestic Unrestricted	1	1.297			1.64			
LDNO HV: Domestic Two Rate	2	1.570	0.099		1.64			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.083						
LDNO HV: Small Non Domestic Unrestricted	3	0.986			2.56			
LDNO HV: Small Non Domestic Two Rate	4	1.114	0.091		2.56			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.088						
LDNO HV: LV Medium Non-Domestic	5-8	0.998	0.088		13.75			
LDNO HV: LV HH Metered	0	9.468	0.111	0.062	3.51	1.01	0.148	1.01
LDNO HV: LV Sub HH Metered	0	13.969	0.106	0.072	4.07	1.79	0.198	1.79
LDNO HV: HV HH Metered	0	13.844	0.053	0.052	53.41	1.63	0.183	1.63
LDNO HV: NHH UMS category A	8	0.927						
LDNO HV: NHH UMS category B	1	1.375						
LDNO HV: NHH UMS category C	1	2.321						
LDNO HV: NHH UMS category D	1	0.581						
LDNO HV: LV UMS (Pseudo HH Metered)	0	30.620	0.457	0.351				
LDNO HV: LV Generation NHH	8	-0.649						
LDNO HV: LV Sub Generation NHH	8	-0.598						
LDNO HV: LV Generation Intermittent	0	-0.649					0.147	
LDNO HV: LV Generation Non-Intermittent	0	-7.478	-0.300	-0.107			0.147	
LDNO HV: LV Sub Generation Intermittent	0	-0.598					0.126	
LDNO HV: LV Sub Generation Non-Intermittent	0	-7.008	-0.262	-0.142			0.126	
LDNO HV: HV Generation Intermittent	0	-0.368					0.092	
LDNO HV: HV Generation Non-Intermittent	0	-4.834	-0.096	-0.107			0.092	

GSP M

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.340			2.87			
LDNO LV: Domestic Two Rate	2	1.691	0.062		2.87			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.223						
LDNO LV: Small Non Domestic Unrestricted	3	1.250			2.64			
LDNO LV: Small Non Domestic Two Rate	4	1.680	0.103		2.64			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.301						
LDNO LV: LV Medium Non-Domestic	5-8	1.261	0.037		18.24			
LDNO LV: LV HH Metered	0	5.089	0.507	0.029	7.86	0.87	0.191	0.87
LDNO LV: NHH UMS category A	8	0.728						
LDNO LV: NHH UMS category B	1	0.990						
LDNO LV: NHH UMS category C	1	1.851						
LDNO LV: NHH UMS category D	1	0.558						
LDNO LV: LV UMS (Pseudo HH Metered)	0	14.525	0.547	0.033				
LDNO LV: LV Generation NHH	8	-0.560						
LDNO LV: LV Generation Intermittent	0	-0.560					0.139	
LDNO LV: LV Generation Non-Intermittent	0	-3.544	-0.538	-0.038			0.139	
LDNO HV: Domestic Unrestricted	1	0.835			1.79			
LDNO HV: Domestic Two Rate	2	1.054	0.039		1.79			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.139						
LDNO HV: Small Non Domestic Unrestricted	3	0.778			1.64			
LDNO HV: Small Non Domestic Two Rate	4	1.047	0.064		1.64			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.188						
LDNO HV: LV Medium Non-Domestic	5-8	0.786	0.023		11.36			
LDNO HV: LV HH Metered	0	3.170	0.316	0.018	4.90	0.54	0.119	0.54
LDNO HV: LV Sub HH Metered	0	4.317	0.398	0.022	26.30	1.14	0.148	1.14
LDNO HV: HV HH Metered	0	4.303	0.366	0.019	81.35	1.31	0.138	1.31
LDNO HV: NHH UMS category A	8	0.453						
LDNO HV: NHH UMS category B	1	0.617						
LDNO HV: NHH UMS category C	1	1.153						
LDNO HV: NHH UMS category D	1	0.348						
LDNO HV: LV UMS (Pseudo HH Metered)	0	9.048	0.341	0.020				
LDNO HV: LV Generation NHH	8	-0.560						
LDNO HV: LV Sub Generation NHH	8	-0.492						
LDNO HV: LV Generation Intermittent	0	-0.560					0.139	
LDNO HV: LV Generation Non-Intermittent	0	-3.544	-0.538	-0.038			0.139	
LDNO HV: LV Sub Generation Intermittent	0	-0.492					0.132	
LDNO HV: LV Sub Generation Non-Intermittent	0	-3.122	-0.469	-0.034			0.132	
LDNO HV: HV Generation Intermittent	0	-0.348					0.101	
LDNO HV: HV Generation Non-Intermittent	0	-2.248	-0.319	-0.034			0.101	

GSP N

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVArh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	1.576			2.97			
LDNO LV: Domestic Two Rate	2	2.027	0.247		2.97			
LDNO LV: Domestic Off Peak (related MPAN)	2	0.168						
LDNO LV: Small Non Domestic Unrestricted	3	1.365			3.78			
LDNO LV: Small Non Domestic Two Rate	4	1.841	0.267		3.78			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.544						
LDNO LV: LV Medium Non-Domestic	5-8	1.106	0.174		19.00			
LDNO LV: LV HH Metered	0	6.128	0.513	0.106	14.65	1.50	0.181	1.50
LDNO LV: NHH UMS category A	8	0.947						
LDNO LV: NHH UMS category B	1	1.270						
LDNO LV: NHH UMS category C	1	2.046						
LDNO LV: NHH UMS category D	1	0.695						
LDNO LV: LV UMS (Pseudo HH Metered)	0	14.927	0.672	0.393				
LDNO LV: LV Generation NHH	8	-0.694						
LDNO LV: LV Generation Intermittent	0	-0.694					0.147	
LDNO LV: LV Generation Non-Intermittent	0	-4.498	-0.519	-0.173			0.147	
LDNO HV: Domestic Unrestricted	1	0.855			1.61			
LDNO HV: Domestic Two Rate	2	1.100	0.134		1.61			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.091						
LDNO HV: Small Non Domestic Unrestricted	3	0.741			2.05			
LDNO HV: Small Non Domestic Two Rate	4	0.999	0.145		2.05			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.295						
LDNO HV: LV Medium Non-Domestic	5-8	0.600	0.094		10.31			
LDNO HV: LV HH Metered	0	3.325	0.278	0.057	7.95	0.81	0.098	0.81
LDNO HV: LV Sub HH Metered	0	4.546	0.298	0.023	4.44	2.40	0.123	2.40
LDNO HV: HV HH Metered	0	4.047	0.266	0.020	76.27	2.95	0.104	2.95
LDNO HV: NHH UMS category A	8	0.514						
LDNO HV: NHH UMS category B	1	0.689						
LDNO HV: NHH UMS category C	1	1.110						
LDNO HV: NHH UMS category D	1	0.377						
LDNO HV: LV UMS (Pseudo HH Metered)	0	8.099	0.365	0.213				
LDNO HV: LV Generation NHH	8	-0.694						
LDNO HV: LV Sub Generation NHH	8	-0.610						
LDNO HV: LV Generation Intermittent	0	-0.694					0.147	
LDNO HV: LV Generation Non-Intermittent	0	-4.498	-0.519	-0.173			0.147	
LDNO HV: LV Sub Generation Intermittent	0	-0.610					0.132	
LDNO HV: LV Sub Generation Non-Intermittent	0	-4.100	-0.442	-0.137			0.132	
LDNO HV: HV Generation Intermittent	0	-0.359					0.109	
LDNO HV: HV Generation Non-Intermittent	0	-3.054	-0.200	-0.076			0.109	

GSP P

Independent Power Networks Limited - Effective from April 2013 - FINAL LDNO Tariffs								
	PCs	Unit rate 1 p/kWh	Unit rate 2 p/kWh	Unit rate 3 p/kWh	Fixed charge p/MPAN/day	Capacity charge p/kVA/day	Reactive power charge p/kVAh	Excess Capacity charge (p/kVA)
LDNO LV: Domestic Unrestricted	1	2.991			4.98			
LDNO LV: Domestic Two Rate	2	3.629	1.352		4.98			
LDNO LV: Domestic Off Peak (related MPAN)	2	1.153						
LDNO LV: Small Non Domestic Unrestricted	3	2.392			7.82			
LDNO LV: Small Non Domestic Two Rate	4	3.193	0.671		7.82			
LDNO LV: Small Non Domestic Off Peak (related MPAN)	4	0.988						
LDNO LV: LV Medium Non-Domestic	5-8	2.869	0.738		48.55			
LDNO LV: LV HH Metered	0	5.112	1.466	0.353	15.84	2.78	0.361	2.78
LDNO LV: NHH UMS category A	8	1.955						
LDNO LV: NHH UMS category B	1	2.112						
LDNO LV: NHH UMS category C	1	3.188						
LDNO LV: NHH UMS category D	1	1.841						
LDNO LV: LV UMS (Pseudo HH Metered)	0	10.714	1.911	0.885				
LDNO LV: LV Generation NHH	8	-0.969						
LDNO LV: LV Generation Intermittent	0	-0.969					0.216	
LDNO LV: LV Generation Non-Intermittent	0	-3.247	-0.884	-0.180			0.216	
LDNO HV: Domestic Unrestricted	1	1.775			2.96			
LDNO HV: Domestic Two Rate	2	2.153	0.803		2.96			
LDNO HV: Domestic Off Peak (related MPAN)	2	0.684						
LDNO HV: Small Non Domestic Unrestricted	3	1.420			4.64			
LDNO HV: Small Non Domestic Two Rate	4	1.895	0.398		4.64			
LDNO HV: Small Non Domestic Off Peak (related MPAN)	4	0.586						
LDNO HV: LV Medium Non-Domestic	5-8	1.703	0.438		28.81			
LDNO HV: LV HH Metered	0	3.034	0.870	0.209	9.40	1.65	0.214	1.65
LDNO HV: LV Sub HH Metered	0	3.480	1.011	0.253	5.04	3.98	0.243	3.98
LDNO HV: HV HH Metered	0	2.628	0.774	0.200	133.81	6.31	0.183	6.31
LDNO HV: NHH UMS category A	8	1.160						
LDNO HV: NHH UMS category B	1	1.254						
LDNO HV: NHH UMS category C	1	1.892						
LDNO HV: NHH UMS category D	1	1.093						
LDNO HV: LV UMS (Pseudo HH Metered)	0	6.358	1.134	0.525				
LDNO HV: LV Generation NHH	8	-0.969						
LDNO HV: LV Sub Generation NHH	8	-0.855						
LDNO HV: LV Generation Intermittent	0	-0.969					0.216	
LDNO HV: LV Generation Non-Intermittent	0	-3.247	-0.884	-0.180			0.216	
LDNO HV: LV Sub Generation Intermittent	0	-0.855					0.186	
LDNO HV: LV Sub Generation Non-Intermittent	0	-2.864	-0.781	-0.180			0.186	
LDNO HV: HV Generation Intermittent	0	-0.446					0.169	
LDNO HV: HV Generation Non-Intermittent	0	-1.483	-0.409	-0.107			0.169	

Annex 5 – Schedule of Line Loss Factors

GSP A

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods					
Time periods	Period 1	Period 2	Period 3	Period 4	Period 5
	Peak	Summer Peak	Winter Shoulder	Night	Other
Monday to Friday Nov to February	16:00-19:59		07:00-15:59		
Monday to Friday June to August		07:00-19:59			
Monday to Friday March			07:00-19:59		
All Year				00:00-06:59	All Other Times
Notes	All the above times are in UK Clock time				

Generic Demand and Generation LLFs						
Metered voltage, respective periods and associated LLFCs						
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Period 5	Associated LLFC
Low Voltage Network	1.098	1.074	1.086	1.067	1.076	500,502,506,507,843,845,650, 651,652,653,841,842,846
Low Voltage Substation	1.082	1.063	1.073	1.057	1.064	501,503
High Voltage Network	1.064	1.048	1.057	1.041	1.049	504,508,844,848,849,654
High Voltage Substation	1.062	1.046	1.055	1.039	1.047	505
33kV Generic	1.013	1.011	1.012	1.01	1.011	
132kV Generic	1.002	1.002	1.002	1.002	1.002	

GSP B

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods				
Time periods	Period 1	Period 2	Period 3	Period 4
	Peak	Winter	Night	Other
Monday to Friday Mar to Oct			00:30-07:30	07:30-00:30
Monday to Friday Nov to Feb	16:00-19:00	07:30-16:00 19:00-20:00	00:30-07:30	20:00-00:30
Saturday and Sunday All Year			00:30-07:30	07:30-00:30
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.118	1.104	1.071	1.084	510,512,516,517,853,855,655,656,657,658,851,852,856,735,736,731,732,733
Low Voltage Substation	1.118	1.104	1.071	1.084	511,513
High Voltage Network	1.047	1.043	1.031	1.036	514,518,854,858,659,734,737,738,739,857,859
High Voltage Substation	1.029	1.027	1.021	1.023	515
33kV Generic	1.006	1.006	1.003	1.004	

GSP C

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods					
Time periods	Period 1	Period 2	Period 3	Period 4	Period 5
	Peak	Summer Peak	Winter Shoulder	Night	Other
Monday to Friday Nov to Feb	16:00-19:59		07:00-15:59		
Monday to Friday June to August		07:00-19:59			
Monday to Friday March			07:00-19:59		
All Year				00:00-06:59	All other times
Notes	All the above times are in UK Clock time				

Generic Demand and Generation LLFs						
Metered voltage, respective periods and associated LLFCs						
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Period 5	Associated LLFC
Low Voltage Network	1.088	1.072	1.082	1.057	1.07	520,522,526,527,863,865,861, 862,866,660,661,662,663
Low Voltage Substation	1.064	1.053	1.06	1.043	1.052	521,523
High Voltage Network	1.039	1.033	1.037	1.026	1.032	524,528,864,868,664,867,869
High Voltage Substation	1.034	1.031	1.033	1.026	1.029	525
33kV Generic	1.026	1.022	1.024	1.018	1.021	
132kV Generic	1.002	1.002	1.002	1.002	1.002	

Independent Power Networks Limited - Effective from April 2013 -FINAL LLF Time Periods

Time periods	Period 1	Period 2	Period 3	Period 4
Monday to Friday Apr to Oct and March	23:30 – 07:30	07:30 – 23:30		
Monday to Friday Nov to Feb	23:30 – 07:30	20:00 – 23:30	07:30 – 16:00 19:00 – 20:00	16:00 – 19:00
Saturday and Sunday All Year	23:30 – 07:30	07:30 – 23:30		
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.091	1.112	1.128	1.151	530,532,536,537,873,875,665,666,667,668,871,872,876
Low Voltage Substation	1.057	1.062	1.068	1.075	531,533
High Voltage Network	1.033	1.04	1.046	1.051	534,538,669,874,878,879
High Voltage Substation	1.025	1.028	1.031	1.034	535
33kV Generic	1.012	1.013	1.014	1.015	
33kV Generic	1.017	1.019	1.022	1.024	
132kV Generic	1.004	1.005	1.006	1.007	
132kV Generic	1.000	1.000	1.000	1.000	

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods

Time periods	Period 1	Period 2	Period 3	Period 4
	Peak	Winter	Night	Other
Monday to Friday Mar to Oct			00:30 - 07:30	07:30 - 00:30
Monday to Friday Nov to Feb	16:00 - 19:00	07:30 - 16:00 19:00 - 20:00	00:30 - 07:30	20:00 - 00:30
Saturday and Sunday All Year			00:30 - 07:30	07:30 - 00:30
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.077	1.069	1.052	1.06	540,542,541,543,546,547,883, 885,881,882,886,670,671,672, 673
Low Voltage Substation	1.077	1.069	1.052	1.06	541,543
High Voltage Network	1.044	1.041	1.031	1.035	544,548,884,888,674,887,888, 889
High Voltage Substation	1.027	1.026	1.021	1.023	545
33kV Generic	1.006	1.006	1.004	1.005	

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods

Time periods	Period 1	Period 2	Period 3	Period 4
	Winter Peak	Other Winter Weekday	Night	All other times
Monday to Friday Apr-October			00:30 - 07:30	00:00 - 00:30 07:30 - 24:00
Monday to Friday November		07:30 - 20:00	00:30 - 07:30	00:00 - 00:30 20:00 - 24:00
Monday to Friday Dec to Feb	16:30 - 18:30	07:30 - 16:30 18:30 - 20:00	00:30 - 07:30	00:00 - 00:30 20:00 - 24:00
Monday to Friday (Mar)			00:30 - 07:30	00:00 - 00:30 07:30 - 24:00
Saturday and Sunday All Year			00:30 - 07:30	00:00 - 00:30 07:30 - 24:00
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.098	1.089	1.069	1.077	550,552,556,557,893,895, 675,676,677,678,891,892, 896
Low Voltage Substation	1.041	1.040	1.041	1.039	551,553
High Voltage Network	1.027	1.025	1.019	1.022	554,558,894,898,679,899
High Voltage Substation	1.016	1.015	1.013	1.014	555
Greater than 22kV connected-generation	1.010	1.010	1.008	1.009	
Greater than 22kV connected-demand	1.010	1.010	1.008	1.009	

GSP G

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods				
Time periods	Period 1	Period 2	Period 3	Period 4
	Night	Day	Day off peak	Day peak
Monday to Friday Mar to Oct	24:00- 07:00	07:00 - 24:00		
Monday to Friday Nov to Feb	24:00 - 07:00		07:00 - 16:00 19:00 – 24:00	16:00 - 19:00
Saturday and Sunday All Year	24:00 - 07:00	07:00 - 24:00		
Notes	All the above times are in the UK Clock Time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.079	1.086	1.091	1.102	560,562,566,567,903,905, 680,681,682,683,901,902, 906
Low Voltage Substation	1.045	1.048	1.049	1.052	561,563
High Voltage Network	1.030	1.034	1.036	1.039	564,568,904,908,684,909
High Voltage Substation	1.022	1.024	1.025	1.027	565
33kV Generic	1.017	1.019	1.020	1.021	
132kV to 33kV Generic	1.012	1.013	1.014	1.015	
132kV Generic	1.007	1.008	1.009	1.010	

GSP H

Independent Power Networks Limited - Effective from April 2013 -FINAL LLF Time Periods

Time periods	Period 1	Period 2	Period 3	Period 4
	Winter Weekday peak	Winter weekday	Other	Night
Monday to Friday Nov to Feb	16:00 - 19:00	07:30 - 16:00 19:00 - 20:00	Any time outwith periods 1, 2, 4	00:30 - 07:30
Saturday and Sunday All Year			Any time outwith periods 1, 2, 4	00:30 - 07:30
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.088	1.082	1.074	1.069	570,572,576,577,913,915, 685,686,687,688,911,912, 916
Low Voltage Substation	1.050	1.048	1.047	1.047	571,573
High Voltage Network	1.034	1.031	1.028	1.024	574,578,689,914,918,919
High Voltage Substation	1.025	1.023	1.021	1.018	575
33kV Generic	1.018	1.017	1.015	1.012	
132/33kV Generic	1.010	1.009	1.009	1.007	
132kV Generic	1.006	1.005	1.005	1.003	

GSP J

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods					
Time periods	Period 1	Period 2	Period 3	Period 4	Period 5
	Peak	Summer Peak	Winter Shoulder	Night	Other
Monday to Friday Nov to Feb	16:00 - 19:59		07:00 - 15:59		
Monday to Friday June to August		07:00 - 19:59			
Monday to Friday March			07:00 - 19:59		
All Year				00:00 - 06:59	All Other Times
Notes	All the above times are in UK Clock time				

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Period 5
Low Voltage Network	1.102	1.075	1.088	1.064	1.078
Low Voltage Substation	1.084	1.063	1.073	1.054	1.065
High Voltage Network	1.068	1.049	1.059	1.04	1.051
High Voltage Substation	1.066	1.047	1.057	1.038	1.049
33kV Generic	1.018	1.014	1.016	1.012	1.014
33kV Generic	1.005	1.004	1.005	1.003	1.004
132kV Generic	1.005	1.004	1.005	1.003	1.004

GSP K

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods				
Time periods	Period 1	Period 2	Period 3	Period 4
	Peak	Winter	Night	Other
Monday to Friday Mar to Oct			00:30 - 07:30	00:00-00:30 07:30-24:00
Monday to Friday Nov to Feb	16:00-19:00	07:30-16:00	00:30-07:30	00:00-00:30 19:00-24:00
Saturday and Sunday All Year			00:30-07:30	00:00-00:30 07:30-24:00
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.086	1.08	1.069	1.073	590,592,596,597,931,932,933, 935,936,695,696,697,698
Low Voltage Substation	1.063	1.061	1.057	1.057	591,593
High Voltage Network	1.047	1.044	1.034	1.039	594,598,934,938,939,699
High Voltage Substation	1.032	1.031	1.026	1.028	595
33kV Connected	1.024	1.023	1.018	1.02	
66kV Connected	1.039	1.039	1.035	1.035	
66/HV connected	1.049	1.048	1.045	1.044	
132/33kV connected	1.015	1.014	1.013	1.013	
132/66kV connected	1.015	1.014	1.012	1.013	
132/HV connected	1.017	1.016	1.015	1.015	
132kV connected	1.01	1.009	1.006	1.008	

GSP L

Independent Power Networks Limited - Effective from April 2013 -FINAL LLF Time Periods				
Time periods	Period 1	Period 2	Period 3	Period 4
	Peak	Winter	Night	Other
Monday to Friday Mar to Oct			00:00 - 06:30 23:30 - 24:00	06:30 - 23:30
Monday to Friday Nov to Feb	16:00 - 19:00	06:30 - 16:00	00:00 - 06:30 23:30 - 24:00	19:00 - 23:30
Saturday and Sunday All Year			00:00 - 06:30 23:30 - 24:00	06:30 - 23:30
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
EHV 132kV	1.013	1.011	1.008	1.009	n/a
EHV 132/33kV	1.017	1.015	1.013	1.014	n/a
EHV 132/HV	1.019	1.017	1.014	1.015	n/a
33 kV	1.032	1.029	1.022	1.025	n/a
EHV 33/HV	1.042	1.038	1.03	1.034	n/a
HV	1.065	1.058	1.044	1.05	604,605,608,944,948,949, 947,704,
LV	1.087	1.08	1.071	1.074	600,602,606,607,941,942, 943,945,946,700,701,702, 703
LV substation	1.078	1.072	1.064	1.067	601,603

GSP M

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods

Time periods	Period 1	Period 2	Period 3	Period 4
	Winter peak	other winter weekday	night	other
Monday to Friday Apr to Oct			00:00 - 07:00	07:00 - 24:00
Monday to Friday Nov to Feb	16:00 - 19:00	07:00 - 16:00 19:00 - 20:00	00:00 - 07:00	20:00 - 24:00
Monday to Friday March			00:00 - 07:00	07:00 - 24:00
Saturday and Sunday All Year			00:00 - 07:00	07:00 - 24:00
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.101	1.092	1.073	1.081	610,612,616,617,951,952,953 .955,956,705,706,707,708
Low Voltage Substation	1.047	1.046	1.046	1.044	611,613
High Voltage Network	1.034	1.032	1.024	1.027	614,618,954,958,959,709
High Voltage Substation	1.023	1.022	1.019	1.020	615
Greater than 22kV connected - generaion	1.017	1.016	1.012	1.013	
Greater than 22kV connected - demand	1.017	1.016	1.012	1.013	

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods

Time periods	Period 1	Period 2	Period 3	Period 4
Monday to Friday Apr - Oct and Mar	23:30 - 07:30	07:30 - 23:30		
Monday to Friday Nov to Feb	23:30 - 07:30	20:00 - 23:30	07:30 - 16:00 19:00 - 20:00	16:00 - 19:00
Saturday and Sunday All Year	23:30 - 07:30	07:30 - 23:30		
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage NHH	1.079	1.09	1.103	1.117	'620,622,621,623,641,963,967
Low Voltage HH	1.078	1.089	1.103	1.116	'626,627,628,629,710,712,711,713, 962,964,968
High Voltage Network	1.024	1.027	1.031	1.034	'624,645,965,969,970,714
High Voltage Substation	1.024	1.027	1.031	1.034	625
33kV Generic (Demand)	1.003	1.004	1.005	1.006	
33kV Generic (Generation)	1.000	1.000	1.000	1.000	
132kV Generic (Demand)					
132kV Generic (Generation)					

Independent Power Networks Limited - Effective from April 2013 - FINAL LLF Time Periods				
Time periods	Period 1	Period 2	Period 3	Period 4
	Winter weekday peak	Winter Weekday	Other	Night
Monday to Friday Nov to Feb	16:00 - 19:00	07:30 - 16:00 19:00 - 20:00	Any time out with Periods 1, 2, 4	00:30 - 07:30
Saturday and Sunday All Year			Any time out with Periods 1, 2, 4	00:30 - 07:30
Notes	All the above times are in UK Clock time			

Generic Demand and Generation LLFs					
Metered voltage, respective periods and associated LLFCs					
Metered Voltage	Period 1	Period 2	Period 3	Period 4	Associated LLFC
Low Voltage Network	1.105	1.103	1.093	1.094	630,632,636,637,971,972, 973,975,976,715,716,717, 718
Low Voltage Substation	1.063	1.064	1.063	1.067	631,633
High Voltage Network	1.043	1.043	1.037	1.037	634,638,974,978,979,719
High Voltage Substation	1.035	1.035	1.031	1.032	635
33kV Generic	1.026	1.026	1.021	1.021	

Annex 6 - Un-scaled [nodal /network group] costs

Not Applicable.

Annex 7 - Addendum to charging statement detailing Charges for New Designated EHV Properties

Not Applicable.

Appendix 1 – Time periods for Half Hourly Metered Properties

GSP A

Half Hourly Metered Time Bands Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays Amber Unit: 07:00 to 16:00 and 19:00 to 23:00, Monday to Friday, including Bank Holidays Green Unit: All other times.
EHV Super Red Time Band Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays between November and February inclusive

GSP B

Half Hourly Metered Time Bands Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays Amber Unit: 07:30 to 16:00 and 19:00 to 21:00, Monday to Friday, including Bank Holidays Green Unit: All other times.
EHV Super Red Time Band Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays between November and February inclusive

GSP C

Half Hourly Metered Time Bands Red Unit: 11:00 to 14:00 and 16:00 to 19:00 Monday to Friday, including Bank Holidays Amber Unit: 07:00 to 11:00 and 14:00 to 16:00 and 19:00 to 23:00, Monday to Friday, including Bank Holidays Green Unit: All other times.
EHV Super Red Time Band Red Unit: 11:00 and 14:00, Monday to Friday including Bank Holidays, between June and August inclusive, and between 16:00 and 19:00, Monday to Friday including Bank Holidays, between November and February inclusive

GSP D

Half Hourly Metered Time Bands Red Unit: 16:30 to 19:30, Monday to Friday, including Bank Holidays Amber Unit: 08:00 to 16:30 and 19:30 to 22:30, Monday to Friday and 16:00 to 20:00 Saturday and Sunday, including Bank Holidays Green Unit: All other times.
EHV Super Red Time Band Red Unit: 16:30 to 19:30, Monday to Friday, including Bank Holidays between November and February inclusive

GSP E

Half Hourly Metered Time Bands Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays Amber Unit: 07:30 to 16:00 and 19:00 to 21:00, Monday to Friday, including Bank Holidays Green Unit: All other times.
EHV Super Red Time Band Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays between November and February inclusive

GSP F

Half Hourly Metered Time Bands

Red Unit: 16:00 to 19:30, Monday to Friday, including Bank Holidays

Amber Unit: 08:00 to 16:00 and 19:30 to 22:00, Monday to Friday, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 16:00 to 19:30, Monday to Friday, including Bank Holidays between November and February inclusive

GSP G

Half Hourly Metered Time Bands

Red Unit: 16:30 to 18:30, Monday to Friday, including Bank Holidays

Amber Unit: 09:00 to 16:30 and 18:30 to 20:30, Monday to Friday and 16:30 to 18:30 Saturday and Sundays, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 16:30 to 18:30, Monday to Friday, including Bank Holidays between November and February inclusive

GSP H

Half Hourly Metered Time Bands

Red Unit: 16:30 to 19:00, Monday to Friday, including Bank Holidays

Amber Unit: 09:00 to 16:30 and 19:00 to 20:30, Monday to Friday, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 16:30 to 19:00, Monday to Friday, including Bank Holidays between November and February inclusive

GSP J

Half Hourly Metered Time Bands

Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays

Amber Unit: 07:00 to 16:00 and 19:00 to 23:00, Monday to Friday, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays between November and February inclusive

GSP K

Half Hourly Metered Time Bands

Red Unit: 17:00 to 19:30, Monday to Friday, including Bank Holidays

Amber Unit: 07:30 to 17:00 and 19:30 to 22:00, Monday to Friday. 12:00 to 13:00 and 16:00 to 21:00 Sat and Sunday including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 17:00 to 19:30, Monday to Friday, including Bank Holidays between November and February excluding the period from 22nd December to 4th January inclusive

GSP L

Half Hourly Metered Time Bands

Red Unit: 17:00 to 19:00, Monday to Friday, including Bank Holidays

Amber Unit: 07:30 to 17:00 and 19:00 to 21:30, Monday to Friday and 16:30 to 19:30 Saturday and Sunday including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 17:00 to 19:00, Monday to Friday, including Bank Holidays between November and February excluding the period from 22nd December to 4th January inclusive

GSP M

Half Hourly Metered Time Bands

Red Unit: 16:00 to 19:30, Monday to Friday, including Bank Holidays

Amber Unit: 08:00 to 16:00 and 19:30 to 22:00, Monday to Friday, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 16:00 to 19:30, Monday to Friday, including Bank Holidays between November and February inclusive

GSP N

Half Hourly Metered Time Bands

Red Unit: 16:30 to 19:30, Monday to Friday, including Bank Holidays

Amber Unit: 08:00 to 16:30 and 19:30 to 22:30, Monday to Friday and 16:00 to 20:00 Sat and Sunday, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 16:30 to 19:30, Monday to Friday, including Bank Holidays between November and February inclusive

GSP P

Half Hourly Metered Time Bands

Red Unit: 12:30 to 14:30 and 16:30 to 21:00, Monday to Friday, including Bank Holidays

Amber Unit: 07:00 to 12:30 and 14:30 to 16:30, Monday to Friday and 12:30 to 14:00 and 17:30 to 20:30 Sat and Sundays, including Bank Holidays

Green Unit: All other times.

EHV Super Red Time Band

Red Unit: 12:30 to 14:30, 16:30 to 21:00, Monday to Friday, including Bank Holidays between October and March inclusive

Appendix 2 – Time periods for Half Hourly Unmetered Properties

GSP A

Half Hourly Unmetered Time Bands
Black Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays
Yellow Unit: 07:00 to 16:00 and 19:00 to 23:00, Monday to Friday (Nov-Feb), including Bank Holidays and 07:00 to 23:00 between March-Oct
Green Unit: All other times.
All Times refer to Clock Times

GSP B

Half Hourly Unmetered Time Bands
Black Unit: 16:00 to 19:00, Monday to Friday, November to February including Bank Holidays
Yellow Unit: 07:30 to 16:00 and 19:00 to 21:00, Monday to Friday, Nov-Feb or 07:30 to 21:00 March-Oct, including bank holidays
Green Unit: All other times.
All Times refer to Clock Times

GSP C

Half Hourly Unmetered Time Bands
Black Unit: 11:00 to 14:00, June-Aug and 16:00 to 19:00 Nov-Feb, Monday to Friday, including bank holidays
Yellow Unit: 07:00-11:00 and 14:00-23:00 June-Aug and 07:00-16:00 and 19:00-23:00 Nov-Feb and 07:00-23:00 March-May, Sept and Oct, Monday to Friday, including Bank Holidays
Green Unit: All other times.
All Times refer to Clock Times

GSP D

Half Hourly Unmetered Time Bands
Black Unit: 16:30 to 19:30, Monday to Friday during November - February, including Bank Holidays
Yellow Unit: 08:00 to 16:30 and 19:30 to 22:30, Monday to Friday, 16:00 to 20:00 Sat and Sun and 16:30 to 19:30 Monday to Friday March-Oct including Bank Holidays
Green Unit: All other times.
All Times refer to Clock Times

GSP E

Half Hourly Unmetered Time Bands
Black Unit: 16:00 to 19:00, Monday to Friday, Nov-Feb including Bank Holidays
Yellow Unit: 07:30 to 16:00 and 19:00 to 21:00 Nov- Feb and 07:30 to 21:00 March-Oct, Monday to Friday, including Bank Holidays
Green Unit: All other times.
All Times refer to Clock Times

GSP F

Half Hourly Unmetered Time Bands
Black Unit: 16:00 to 19:30, Monday to Friday, including Bank Holidays, November to February inclusive
Yellow Unit: 08:00 to 16:00 and 19:30 to 22:00, Monday to Friday April to March and 16:00 to 19:30 April to October and March , including Bank Holidays
Green Unit: All other times.
All Times refer to Clock Times

GSP G

Half Hourly Unmetered Time Bands
Black Unit: 16:30 to 18:30, Monday to Friday, November to February inclusive, including Bank Holidays
Yellow Unit: 09:00 to 16:30 and 18:30 to 20:30, Monday to Friday or during March-Oct 16:30 to 18:30 Saturday and Sunday and 16:30 to 18:30 Monday to Fridays, including Bank Holidays
Green Unit: All other times.
All Times refer to Clock Times

GSP H

Half Hourly Unmetered Time Bands

Black Unit: 16:30 to 29:00, Monday to Friday, including Bank Holidays during November to February inclusive

Yellow Unit: 09:00-20:30, Monday to Friday, Mar-Oct and 09:00-16:30 and 19:00-20:30 Monday to Friday, Nov-Feb inclusive

Green Unit: All other times.

All Times refer to Clock Times

GSP J

Half Hourly Unmetered Time Bands

Black Unit: 16:00 to 19:00, Monday to Friday, including Bank Holidays, November to February inclusive

Yellow Unit: 07:00 to 16:00 and 19:00 to 23:00 Nov-Feb and 07:00 to 23:00 March-Oct, Monday to Friday, including Bank Holidays

Green Unit: All other times.

All Times refer to Clock Times

GSP K

Half Hourly Unmetered Time Bands

Black Unit: 17:00 to 19:30, Monday to Friday, including Bank Holidays, Nov-Feb excluding 22nd Dec-4th Jan inclusive

Yellow Unit: 07:30 to 17:00 and 19:30 to 22:00, Monday to Friday, Nov- Feb excluding 22nd Dec-4th Jan.

07:30-22:00 March-Oct plus 22nd Dec - 4th Jan. Saturdays and Sundays 12:00-13:00 and 16:00-21:00 Including Bank Holidays

Green Unit: All other times.

All Times refer to Clock Times

GSP L

Half Hourly Unmetered Time Bands

Black Unit: 17:00 to 19:00, Monday to Friday, Nov-Feb excluding 22nd Dec - 4th Jan, including Bank Holidays

Yellow Unit: 07:30 to 17:00 and 19:00 to 21:30, Monday to Friday, Nov-Feb excluding 22nd Dec - 4th Jan.

07:30 to 21:30 March-Oct plus 22nd Dec - 4th Jan. Saturday and Sunday 16:30-19:30 including Bank Holidays

Green Unit: All other times.

All Times refer to Clock Times

GSP M

Half Hourly Unmetered Time Bands

Black Unit: 16:00 to 19:30, Monday to Friday, November to February, including Bank Holidays

Yellow Unit: 08:00 to 16:00 and 19:30 to 22:00 and April to March

16:00 to 19:30 Monday to Friday. April to October and March including Bank Holidays

Green Unit: All other times.

All Times refer to Clock Times

GSP N

Half Hourly Unmetered Time Bands

Black Unit: 16:30 to 19:30, Monday to Friday, including Bank Holidays during Nov - Feb

Yellow Unit: 08:00 to 16:30 and 19:30 to 22:30, Monday to Friday and 16:00 to 20:00 Sat and Sunday or

16:30 to 19:30 during March- Oct, including Bank Holidays

Green Unit: All other times.

All Times refer to Clock Times

GSP P

Half Hourly Unmetered Time Bands

Black Unit: 16:30 to 21:00, Monday to Friday, October to March including Bank Holidays

Yellow Unit: between 07:00 to 21:00, Monday to Friday including Bank Holidays, and between 12:30 to 14:00 and 17:30 to 20:30, Saturday to Sunday including Bank Holidays, between April and September inclusive

between 07:00 to 16:30, Monday to Friday including Bank Holidays, and between 12:30 to 14:00 and 17:30 to 20:30, Saturday to Sunday including Bank Holidays, between October and March inclusive

Green Unit: All other times.

All Times refer to Clock Times