

**NORTHERN IRELAND ELECTRICITY plc**

**STATEMENT OF CHARGES FOR  
USE OF  
THE NORTHERN IRELAND ELECTRICITY plc  
ELECTRICITY TRANSMISSION AND DISTRIBUTION  
SYSTEM  
BY  
AUTHORISED PERSONS  
2006/2007**

**Effective from  
1 April 2006**

## **NORTHERN IRELAND ELECTRICITY plc**

### **STATEMENT OF CHARGES FOR USE OF NORTHERN IRELAND ELECTRICITY plc ELECTRICITY TRANSMISSION AND DISTRIBUTION SYSTEM**

#### **INTRODUCTION**

This statement describes the charges for use of the Northern Ireland Electricity plc (NIE) transmission and distribution system (the system) for the purposes of transporting electricity to end customers or exporting electricity onto the transmission system. A separate statement describes the charges for connection to the system.

This statement has been prepared by NIE in accordance with the requirements of its Transmission and Public Electricity Supply Licences (the Licence Document) and has been approved by OFREG. Words and expressions used in this statement shall, unless specifically defined herein, have the definitions given to them in the Electricity (Northern Ireland) Order 1992 (the Order), and the Licence Document, and shall be construed accordingly. The Licence Document requires that the terms and charges contained in this Statement will be reviewed at least once each year. Charges and costs shown are current at the time of publication but are subject to change without notice following revision of the Statement and its approval by OFREG. However, NIE and a user may agree changes separately.

This statement will, in future, be refined where reasonably practicable to enable charges to be estimated more closely in non-standard situations.

Persons seeking to use the system will be required, prior to using the system, to enter into a Use of System Agreement with NIE setting out the obligations of both parties. The Use of System Agreements and/or Connection Agreements for suppliers, generators and customers over 1MW will require the connected party to comply with the provisions of the NIE Grid Code, obtainable from SONI's website ([www.soni.ltd.uk](http://www.soni.ltd.uk)). NIE will offer terms for use of system as soon as practicable after receipt of an application and in any case not later than 28 days after receipt of all relevant information. The Use of System Agreement will take precedence in the event of any inconsistency with this Statement.

The party seeking use of the NIE System will be required to pay all charges due in respect of use of the system as described in this Statement and the accompanying Schedules.

Where an authorised electricity operator having entered into a Use of System Agreement ceases for whatever reason to be an authorised electricity operator with respect to that use of the system, then the entitlement to use of the system will cease forthwith in accordance with the terms of the Use of System Agreement except that the authorised electricity operator shall continue to pay to NIE all capacity-related use of system charges payable under that agreement in respect of the financial year in which termination takes place.

Persons seeking use of system or persons seeking a connection in conjunction with use of system must apply to NIE in writing to the address given at the end of this Statement.

Persons seeking use of system with respect to a new supply must apply for connection in accordance with the terms and conditions described in the Statement of Connection Charges. The connection agreement between NIE and each user of the system will take precedence in the event of any inconsistency with this Statement or the Statement of Connection Charges.

Where the person seeking use of system is not satisfied with the terms offered, and agreement with NIE cannot be reached within a reasonable time, either party may request settlement by the Northern Ireland Authority for Energy Regulation, Queen's House, 14 Queen Street, Belfast BT1 6ED.

A fee of £5.00 will be payable for each copy of this Statement or the separate Statement of Charges for Connection to the NIE system which is provided in accordance with a request (exclusive of VAT and post and packing).

## **PRINCIPLES FOR CHARGING FOR USE OF THE SYSTEM**

1. Where a supply of electricity is provided over electric lines or electrical plant comprising a part of the system, a charge for use of the system will be levied on the supplier. The relevant charges that are generally applicable are described in Schedule A of this Statement and are payable by reference to the characteristics of the supply, in accordance with the categories of supply described in the Schedule. These charges may then be passed through to their customers by the suppliers under the relevant supply agreements between such parties and may be incorporated into the charges payable by customers to suppliers under such agreements. In respect of supplies to over 1 MW customers charges for use of the system may be individually costed and may take account of the specific NIE assets employed in providing that supply.
2. Where a generator, other than a generator whose capacity and output is contracted to the NIE Power Procurement Business (the PPB) under Power Procurement Agreements, and the PPB (to the extent of the capacity and output of the generators contracted to it) is exporting electricity over electric lines or electrical plant comprising a part of the transmission system, a charge for use of the transmission system will be levied on the generator and the PPB. The charges applicable are described in Schedule F of this Statement. Generators may pass these charges through to their suppliers by means of bilateral contracts. The PPB will pass these charges through to their suppliers by inclusion in the Bulk Supply Tariff.
3. Power Stations connected to the transmission system may require NIE to provide transmission capacity to enable them to be supplied at times when their generators are not operating. In such circumstances charges for use of system are levied with respect to the system capacity provided to meet the maximum power required to be supplied to each connection and the extent to which that supply is taken up. These charges will be levied on suppliers serving generators connected directly to the NIE transmission system. In respect of generators contracted to the PPB under Power Procurement Agreements, charges for use of system may be levied on the PPB. The charges applicable are described in Schedule F of this Statement.

4. The charges for use of the system reflect the costs of providing, operating and maintaining the system to the standards prescribed by the Licence Document, other than those costs which are recovered through charges paid to NIE in respect of connection to the system. The charges for use of the system include a reasonable return on the relevant assets, and the revenues arising from the charges are subject to regulation in accordance with the terms of the Licence Document.
5. The charges for each category of supply depend upon the criteria which determine eligibility for that category as described in the attached Schedules, such criteria to include the voltage of connection to the system, the power factor and other characteristics of the load, and installation of the metering necessary to establish those characteristics. In respect of supplies to over 1 MW customers the criteria will also include the location of the customer.
6. With the exception of wheeled units (See Schedule E) charges to suppliers for the use of the system are evaluated as if all generators were connected directly to the NIE transmission system and all supplies to customers were derived from that same source. These charges reflect real electrical flows on the system and the need to provide adequate capacity at all voltage levels to protect the security of the system. Charges to suppliers for use of the system will be reduced in respect of the transmission use of system charges levied on generation users.
7. In general no separate charge will be levied on an embedded generator for the use of the system in respect of the electricity, which he exports to the system. However if the generator is also importing electricity from the system, or supplying electricity to exit points from NIE's system, he will be charged for use of system in respect of such use of the system. In this paragraph and in Schedule E an embedded generator is a generator whose generating units are directly connected to the distribution system.
8. In accordance with the attached Schedules and depending on the criteria stated, the charges for use of the system to suppliers may include some or all of the following elements:
  - A standing charge to cover the costs that do not vary with the extent to which the supply is taken up. This charge is designed to reflect the cost of basic metering, meter reading (online meter reading only), billing and the cost of service cables and terminations not recoverable as part of the connection charge and maintenance of those aspects of the supply. The cost of the customer record, associated on-costs and other indirect costs are also included.
  - An availability charge per kVA of supply capacity provided to cover capacity on the local network, which is attributed to the supply.
  - A charge per kVA of supply demand recorded designed to reflect the seasonal costs not recovered in the unit charge below.
  - A charge per kWh for each unit delivered through the system, designed to reflect costs of the transmission and distribution networks that are

not recovered through the connection charge, the costs of maintaining and reinforcing the networks where connection charges are not applicable and associated on-costs.

- A charge per kVA<sub>h</sub> to cover costs associated with providing supplies at lower power factors. This is related to the power factor expressed in connection agreements to be kept between 0.90 lagging and unity.
9. NIE reserves the right to install and own metering sufficient to measure use of system and supply characteristics which are relevant to the charges for use of the system. Where NIE is not the meter supplier and exercises this right, no additional charge will be made for this equipment, as an allowance for it is included in the standing charge. Where special metering is required by the customer to be provided by NIE in association with a particular schedule of charges, or in circumstances where the terms of the supply necessitate such metering, or where such metering is provided by NIE on request by the user of the system, the excess cost will be recovered as a separate charge. Provision will be made at the metering point for customers to read meters or alternatively for customers to communicate with the meters subject to their providing any necessary communication systems and computer software/hardware at their own expense.
  10. In cases where a supply, by virtue of its characteristics, may be eligible for more than one category of charges for use of the system, and one of the categories has been selected, that supply will not normally be eligible within twelve calendar months of such selection to pay use of system charges under an alternative category except with the agreement of NIE. However, NIE will recognise any relevant change in circumstances, including a change to the terms of and charges for use of the system, in considering such an application.
  11. Payment of charges for use of the system will be payable in accordance with any Use of System Agreement in force or, if there is no Use of System Agreement or the Use of System Agreement does not specify payment terms, within 10 business days of the date of invoice. The invoice will list the supplies to which the invoice refers, the information about the supply on which the charge has been calculated or the basis on which an estimate has been made, and the amount due with respect to each supply identified in the invoice. NIE reserves the right to require appropriate security in respect of the charges estimated to arise depending on the circumstances of the supply and on the basis of the agreed payment terms.
  12. An arrangement for top-up and standby supplies will be available from NIE upon request, subject to the qualifications in the Licence Document and the Order and NIE's published statement of charges for top-up and standby. Where applicable, the relevant quantities must be metered in accordance with the NIE Grid Code.
  13. Where the supply is to be provided over the system on either an intermittent or continuing basis to any premises with own generation, charges for use of the system will be levied with respect to the system capacity provided to meet the maximum power required to be supplied to the premises as requested by the

party seeking use of the system and the extent to which that supply is taken up. See Schedule E.

14. Where a supply is to be provided wholly or partly over the system to an exit point from the system, the user must enter into an arrangement to ensure that power delivered onto the system at all times matches power leaving the system after taking due account of system electrical losses appropriate to the voltage at which the supply is delivered and to the source of the supply as shown in the attached Schedule of Loss Adjustment Factors (Schedule B). Users should refer to Schedule B to calculate the amount of electricity that must be provided under these special circumstances.
15. Where NIE, after evaluation of the characteristics of the requested use of the system, accepts that none of the categories of charges in the attached Schedules is appropriate, special arrangements will be offered.
16. Where use of the system is sought at a standard of security different to that specified in the standards contained in the Licence Document, NIE may require special arrangements to be made with respect to that supply. The approval of OFREG will be required for any such use of the system. Special arrangements may apply also to supplies/loads with power factors of less than 0.9. In such cases the point of connection to the system may require special consideration in order to avoid any disturbance on the system or complaints from other customers.
17. The use of the system to transport a supply of electricity under a Use of System Agreement is subject to the amount of electricity taken through any Point of Supply not exceeding, without the prior written consent of NIE, the relevant Maximum Import Capacity or the Maximum Top-up Capacity or the Maximum Standby Capacity set out on the relevant Customer Supplement relating to such Point of Supply. The Use of System Agreement or a Connection Agreement may provide for this. In the event that the Maximum Import Capacity is exceeded, NIE may give notice to either the supplier or customer setting out details and requesting the supplier or customer to remedy the situation within 28 days of receipt of the notice, failing which NIE reserves the right to de-energise until such time as the customer is able to satisfy NIE that the relevant Maximum Capacity will not be exceeded when the connection is renewed or arrangements have been made for a modification. Where the relevant Maximum Capacity is exceeded, NIE may charge for all reasonable additional costs incurred by NIE.
18. North/South Interconnector capacity holders must pay to NIE the capacity charges for each payment period for which they have been allocated capacity. Charges will be levied in accordance with the relevant interconnector capacity agreement between NIE and the capacity acquirer. These charges are described in Schedule G of this Statement.
19. Persons who have acquired capacity (Capacity Holders) on the Moyle interconnector have an obligation to make payments directly to Moyle Interconnector Limited (Moyle) in accordance with the terms of their respective Moyle Interconnector Capacity Agreements. Moyle's transmission licence and the direction issued under it permit Moyle to raise revenues from sales of capacity on the Moyle interconnector and to recover the balance of its revenue

requirements from payments received from NIE under the Collection Agency Agreement into which NIE is obliged by its licence to enter. Under this agreement NIE is obliged to set its use of system charges to suppliers each year at a level which includes Moyle's forecast of the amount (the Collection Agency Income Requirement) which Moyle needs to receive under the Collection Agency Agreement in that year to fully cover its costs. NIE must account to Moyle for the amounts so recovered. Schedule H explains the basis on which the Collection Agency Income Requirement will be recovered via use of system charges to suppliers.

## SCHEDULE A

### CHARGES TO SUPPLIERS FOR USE OF THE NIE SYSTEM 2006/2007

All charges set out below are exclusive of VAT and NIE will add to such charges VAT at the relevant rate applicable thereto from time to time.

#### **1. FOR SUPPLY TO DOMESTIC PREMISES**

The following charges for use of the system apply in respect of supply of electricity for use exclusively for domestic purposes or in premises comprising flats and places of worship. They do not apply where part of the supply is used for the purposes of, or in connection with, any trade, business or profession.

##### **1.1 Standard Rate (UOS Tariff Code T011)**

A Standing Charge per premises for each quarterly account period: £6.03

and

Unit Charges for all units delivered in the same period 2.007p

##### **1.2 Economy 7 Rate (Preserved Tariff) (UOS Tariff Code T012)**

A Standing Charge for each quarterly account period: £7.93

and

Unit Charges as follows:

\* for all units delivered in the same period 2.334p

but reduced to:-

\* for all units delivered during 7 hours between 2300hrs and 0800hrs GMT 0.285p

##### **1.4 Economy 7 Rate (UOS Tariff Code T014)**

A Standing Charge for each quarterly account period: £9.16

and

Unit Charges as follows:

\* for all units delivered in the same period 2.334p

but reduced to:-



- \* for all units delivered during 7 hours between 2300hrs and 0800hrs GMT 0.282p
- \* for all units delivered for storage heating for 7 hours in 24 hours plus 4 hours during the night for water heating with an additional one hour boost in the afternoon (see condition (e) page 19) 0.285p

#### **1.4A Economy 7 Automatic (UOS Tariff Code T015)**

A Standing Charge for each quarterly account period: £9.16

and

Unit Charges as follows:

- \* for each unit delivered in the same period 2.334p
- but reduced to:-
- \* for all units delivered during 7 hours between 0100hrs and 0800hrs GMT 0.282p
- \* for all units delivered for storage heating up to 9 hours charge, depending on the weather conditions plus 4 hours during the night for water heating with an additional one hour boost in the afternoon (see condition (e) page 19) 0.285p

## **2. FOR SUPPLY FOR COMBINED RESIDENTIAL/FARMS OR SMALL BUSINESS PREMISES**

The following charges for use of system apply to the delivery of electricity used exclusively for the above purposes where the maximum power required (excluding any part of the supply used for thermal storage purposes) does not exceed 70kVA.

### **2.1 Standard Rate (UOS Tariff Code T021)**

A Standing Charge for each quarterly account period:- £6.03

and

A Unit Charge for all units delivered in the same period 2.007p

## **2.2 Economy 7 (Preserved Tariff) (UOS Tariff Code T022)**

A Standing Charge for each quarterly account period:- £7.93

and

A Unit Charge for all units delivered in the same period 2.334p

but reduced to:-

\* for all units delivered during 7 hours between 2300hrs and 0800hrs GMT 0.285p

## **2.4 Economy 7 Rate (UOS Tariff Code T024)**

A Standing Charge for each quarterly account period: £9.16

and

A Unit Charge for all units delivered in the same period 2.334p

but reduced to:-

\* for all units delivered during the 7 hours between 2300hrs and 0800hrs GMT 0.282p

\* for all units delivered for storage heating for 7 hours in 24 hours plus 4 hours during the night for water heating with an additional 1 hour boost in the afternoon (see condition (f) page 19) 0.285p

## **2.4A Economy 7 Automatic (UOS Tariff Code T025)**

A Standing Charge for each quarterly account period:- £9.16

and

A Unit Charge for all units delivered in the same period 2.334p

but reduced to:-

\* for all units delivered during 7 hours between 0100hrs and 0800hrs GMT 0.282p

\* for all units delivered for storage heating up to 9 hours depending on weather conditions plus 4 hours during the night for water heating with an additional 1 hour boost in the afternoon to (see condition (f) page 19) 0.285p

### **3. FOR SUPPLY FOR COMMERCIAL, INDUSTRIAL AND MISCELLANEOUS PREMISES**

The following charges for use of the system apply to the delivery of electricity used exclusively for the above purposes where the maximum power required does not exceed 70kVA. This includes hotels, clubs, schools, public buildings, shops, offices, surgeries, meeting halls, places of worship, cinemas, bakeries and processing and manufacturing plants.

#### **3.1 Standard Rate (UOS Tariff Code T031)**

A Standing Charge for each quarterly account period: £9.13

and

Unit Charges for all units delivered during the same period 1.868p

#### **3.2 Economy 7 (Preserved Tariff) (UOS Tariff Code T032)**

A Standing Charge for each quarterly account period £11.30

and

Unit Charges for all units delivered in the same period 2.04p

but reduced to:

\* for each unit supplied during 7 hours between 2300hrs and 0800hrs GMT 0.285p

#### **3.3 Evening and Weekend Rate (UOS Tariff Code T033)**

A Standing Charge for each quarterly account period £11.30

and

Unit Charges as follows:

\* for all units delivered between 0730hrs and 2000hrs GMT Monday to Friday inclusive 2.99p

\* for all units delivered between 2000hrs and 0730hrs GMT Monday to Friday inclusive and during the whole of Saturday and Sunday 0.475p

### **3.4 Economy 7 Rate (UOS Tariff Code T034)**

A Standing Charge for each quarterly account period £14.72

and

Unit Charges for all units delivered in the same period 2.04p

but reduced to:

\* for all units delivered during 7 hours between 2300hrs and 0800hrs GMT 0.282p

\* for all units delivered for storage heating for 7 hours in 24 hours plus 4 hours during the night for water heating with an additional 1 hour boost in the afternoon (see condition (e) page 19) 0.285p

## **4. OFF-PEAK SUPPLIES (PRESERVED TARIFFS)**

### **4.1 8 Hours Off-Peak Rate (Preserved Tariff) (UOS Tariff Code T041)**

Hours of availability 2300hrs to 0700hrs GMT daily.

A Standing Charge for each quarterly account period £6.94

And

Unit Charges for all units delivered in the same period 0.284p

### **4.2 11 Hours Off-Peak Rate (Preserved Tariff) UOS Tariff Code T042)**

Hours of availability 2300hrs to 0700hrs GMT daily and up to 3 additional hours daily at the discretion of NIE.

A Standing Charge for each quarterly account period £6.94

and

Unit Charges for all units delivered in the same period 0.284p

### **4.3 15 Hours Off-Peak Rate (Preserved Tariff) (UOS Tariff Code T043)**

Hours of availability Monday - Friday 1930hrs to 0730hrs GMT and up to 3 hours daily at the discretion of NIE. Saturday and Sunday are unrestricted.

A Standing Charge for each quarterly account period £6.94

and

Unit Charges for all units delivered in the same period 0.284p

**4.4 16 Hours Off-Peak Rate (Preserved Tariff) (UOS Tariff Code T044)**

Hours of availability Monday - Friday 1830hrs - 0730hrs GMT and up to 3 hours daily at NIE discretion. Saturday and Sunday are unrestricted.

A Standing Charge for each quarterly account period £6.94

and

Unit Charges for all units delivered in the same period 0.284p

**PUBLIC LIGHTING**

A Standing Charge for each quarterly account period £0.76

and

Unit Charges for all units delivered in the period 1.526p

**FOR NON DOMESTIC CUSTOMERS (EXCLUDING THOSE REFERRED TO ABOVE)**  
**WHERE SUPPLIES ARE LESS THAN 70KVA**  
**AND TAKEN AT MEDIUM VOLTAGE (LESS THAN 1000 VOLTS)**

<u>UOS Tariff Code</u>	<b>T035</b>
<b>Standing Charge</b> for each monthly account period	£4.40
<b>Unit Charges</b> Weekday Units and for on-line customers weekday units excluding Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 to 2030 hrs excluding 1600 – 19.00 hrs Monday – Friday inclusive November – February inclusive	
December and January	3.495p
November and February	1.771p
April – October inclusive and March	0.631p
Peak Units and for on-line customers peak units excluding the Christmas period (see Schedule I) for each kilowatt hour delivered between 1600 – 1900 hrs Monday – Friday inclusive	
December and January	27.949p
November and February	23.873p
April – October inclusive and March	0.631p
Evenings and Weekend Units and for on-line customers evening and weekend units including weekday units during Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 hrs and 2230 hrs at weekend and for each kilowatt hour delivered between 2030 hrs and 2230 hrs on weekday evenings, throughout the year	0.713p
Night Units for each kilowatt hour delivered during the night between 2230 hrs and 0800 hrs, throughout the year	0.308p

**Note.**

**All charging periods refer to Greenwich Mean Time (GMT)**

**This Tariff requires metering data transferred automatically to NIE central data collection facility using a communication channel.**

**FOR INDUSTRIAL, COMMERCIAL AND MISCELLANEOUS PREMISES WHERE  
SUPPLIES ARE GREATER THAN 70 kVA AND TAKEN AT MEDIUM VOLTAGE  
(LESS THAN 1000 VOLTS)**

	Over 1MW Customer		Under 1MW Customer
UOS Tariff Code	T102	T103	T101
<b>Circuit distance from Source Substation to System Connection Point</b>	0.0-0.01 km	Over 0.01 km	
<b>Standing Charge</b> for each monthly account period	£40.03	£43.47	£16.64
<b>Availability Charge</b> a monthly charge for each kVA of chargeable service capacity recorded between 0800 hrs and 2230 hrs subject to 50 kVA minimum	£0.51	£0.56	£0.95
<b>Unit Charges</b> Weekday Units and for on-line customers weekday units excluding Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 to 2030 hrs excluding 1600 - 19.00 hrs Monday – Friday inclusive November – February inclusive			
December and January	1.728p	1.992p	2.436p
November and February	0.878p	0.993p	1.234p
April – October inclusive and March	0.287p	0.352p	0.440p
Peak Units and for on-line customers peak units excluding the Christmas period (see Schedule I) for each kilowatt hour delivered between 1600 – 1900 hrs Monday – Friday inclusive			
December and January	22.161p	18.688p	19.475p
November and February	17.712p	16.574p	16.635p
April – October inclusive and March	0.287p	0.352p	0.440p
Evenings and Weekend Units and for on-line customers evening and weekend units including weekday units during Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 hrs and 2230 hrs at weekend and for each kilowatt hour delivered between 2030 hrs and 2230 hrs on weekday evenings, throughout the year	0.404p	0.425p	0.498p
Night Units for each kilowatt hour delivered during the night between 2230 hrs and 0800 hrs, throughout the year	0.160p	0.197p	0.215p
<b>Reactive Power Charge</b> For each kVAh in excess of 50% of the kWh delivered in the period 1600 - 1900 hrs Monday - Friday during the period November - February and for on-line customers excluding the Christmas period (see Schedule I)	5.32p	6.89p	8.70p

**Note. All charging periods refer to Greenwich Mean Time (GMT)**

**FOR INDUSTRIAL, COMMERCIAL AND MISCELLANEOUS PREMISES**  
**WHERE SUPPLIES ARE TAKEN AT 6,600/11,000 VOLTS**

	Over 1MW Customer		Under 1MW Customer
	T202	T203	T201
<b>UOS Tariff Code</b>	T202	T203	T201
<b>Circuit distance from Source Substation to System Connection Point</b>	0.0-0.15 km	Over 0.15 km	
<b>Standing Charge</b> for each monthly account period	£74.04	£75.01	£49.88
<b>Availability Charge</b> a monthly charge for each kVA of chargeable service capacity recorded between 0800 hrs and 2230 hrs subject to 100 kVA minimum	£0.42	£0.45	£0.63
<b>Unit Charges</b> Weekday Units and for on-line customers weekday units excluding Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 to 2030 hrs excluding 1600 - 19.00 hrs Monday – Friday inclusive November – February inclusive December and January November and February April – October inclusive and March	1.305p 0.697p 0.183p	1.697p 0.856p 0.255p	1.732p 0.808p 0.249p
Peak Units and for on-line customers peak units excluding the Christmas period (see Schedule I) for each kilowatt hour delivered between 1600 – 1900 hrs Monday – Friday inclusive December and January November and February April – October inclusive and March	11.513p 9.841p 0.183p	16.917p 13.710p 0.255p	12.850p 10.357p 0.249p
Evenings and Weekend Units and for on-line customers evening and weekend units including weekday units during Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 hrs and 2230 hrs at weekend and for each kilowatt hour delivered between 2030 hrs and 2230 hrs on weekday evenings, throughout the year	0.215p	0.289p	0.292p
Night Units for each kilowatt hour delivered during the night between 2230 hrs and 0800 hrs, throughout the year	0.089p	0.129p	0.152p
<b>Reactive Power Charge</b> For each kVAh in excess of 50% of the kWh delivered in the period 1600 - 1900 hrs Monday - Friday during the period November - February and for on-line customers excluding the Christmas period (see Schedule I)	3.26p	4.94p	5.34p

**Note. All charging periods refer to Greenwich Mean Time (GMT)**



**FOR INDUSTRIAL, COMMERCIAL AND MISCELLANEOUS PREMISES**  
**WHERE SUPPLIES ARE TAKEN AT 33,000 VOLTS**

	Over 1MW Customer		Under 1MW Customer
UOS Tariff Code	T302	T303	T301
<b>Circuit distance from Source Substation to System Connection</b>	0.0-0.25 km	Over 0.25 km	
<b>Standing Charge</b> for each monthly account period	£76.00	£78.27	£52.32
<b>Availability Charge</b> a monthly charge for each kVA of chargeable service capacity recorded between 0800 hrs and 2230 hrs subject to 100 kVA minimum	£0.23	£0.46	£0.54
<b>Unit Charges</b> Weekday Units and for on-line customers weekday units excluding Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 to 2030 hrs excluding 1600 - 19.00 hrs Monday – Friday inclusive November – February inclusive			
December and January	1.029p	1.169p	1.169p
November and February	0.495p	0.550p	0.550p
April – October inclusive and March	0.109p	0.177p	0.177p
Peak Units and for on-line customers peak units excluding the Christmas period (see Schedule I) for each kilowatt hour delivered between 1600 – 1900 hrs Monday – Friday inclusive			
December and January	5.681p	4.244p	4.244p
November and February	5.127p	3.712p	3.712p
April – October inclusive and March	0.109p	0.177p	0.177p
Evenings and Weekend Units and for on-line customers evening and weekend units including weekday units during Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 hrs and 2230 hrs at weekend and for each kilowatt hour delivered between 2030 hrs and 2230 hrs on weekday evenings, throughout the year	0.119p	0.189p	0.189p
Night Units for each kilowatt hour delivered during the night between 2230 hrs and 0800 hrs, throughout the year	0.053p	0.068p	0.068p
<b>Reactive Power Charge</b> For each kVAh in excess of 50% of the kWh delivered in the period 1600 - 1900 hrs Monday - Friday during the period November - February and for on-line customers excluding the Christmas period (see Schedule I)	1.40p	2.18p	2.18p

**Note. All charging periods refer to Greenwich Mean Time (GMT)**



## **General Definitions associated with Use of System Charges**

### **Maximum Demand**

The maximum demand in kilovoltamperes (kVA) at any point of supply in any month shall be deemed to be twice the greatest number of kilovoltampere hours delivered in any half hour in that month. Where the supply to the premises is metered at more than one point the maximum demand in any month shall be deemed to be the arithmetical sum of the maximum demands at each of these points in that month.

### **Reactive Power Charge**

Where the supply to the premises is metered at more than one point the reactive power charge shall be calculated separately at each of those points.

### **Month**

For the purpose of the unit charges the months stated will either be a period of approximately one month between one normal meter reading and the next or will be the whole actual calendar month as specified from time to time by NIE. However for the purposes of the reactive charge and the demand charges the month stated will be the period of approximately one month between one normal meter reading and the next.

### **Quarter**

For the purpose of unit charges the quarter means a period of approximately 3 months between one normal meter reading and the next.

### **Chargeable Service Capacity**

Chargeable Service Capacity in the above rates means the capacity in kVA made available at the supply terminals for the supply afforded under those rates.

### **System Connection Point**

The point at which the NIE connection assets are connected to the system. The NIE connection assets will include all elements the full cost of which is covered by Connection Charges or grants received by NIE.

### **Over 1MW Customer**

An over 1MW Customer is a customer whose maximum monthly demand in the 3 months of the highest maximum demand on the system in each period of 12 consecutive months exceeds 1MW.

### **On-Line Customer**

A customer of either NIE Supply or a Second Tier Supplier whose metering data is transferable automatically to NIE central data collection facility using a communication channel.

## **General Conditions associated with Use of System Charges to Suppliers**

- (a) When a rate has been chosen by or on behalf of a customer and approved by NIE T&D, charges in respect of that point of supply shall at NIE's discretion be at that rate for not less than 12 consecutive months or not less than four quarters as appropriate. This tariff rate will continue to be applied at that point of supply irrespective of who the supplier is until a change of tariff is requested. A Supplier may apply for a change of customer tariff in writing to NIE subject to the other conditions noted elsewhere, in particular paragraph 5 of the Principles for Charging for Use of the System. The supplier will pay all Use of System charges to NIE.
- (b) Subject to paragraph (d) any change in choice of rate notified to NIE in writing will apply to electricity delivered after the next normal meter reading for the customer's premises or, where it is necessary to change metering equipment, from the date of the change.
- (c) If NIE has not been notified in writing of the choice of rate or if the conditions applicable to the rate chosen are not complied with or if that rate otherwise ceases to be applicable to the supply, NIE may charge at any rate hereunder which is applicable and the user/customer shall be liable to pay accordingly.
- (d) Unless the supplier is otherwise advised all times are Greenwich Mean Time and no alteration will be made for British Summer Time.
- (e) The 4 hours plus 1 hour boost for water heating is limited to a single 3kW heating element.
- (f) Preserved tariffs are only offered in respect of customers already on these tariffs.
- (g) Chargeable Service Capacity means the maximum power in kVA required by the customer and will be established by determining whichever is the higher of:-
  - (i) The highest maximum demand recorded in kVA by the customer in the current or previous financial year; or
  - (ii) a maximum demand figure in kVA formally agreed between the customer and NIE following the commencement of a new supply or where special conditions apply.

Condition (ii) applies only to customers who have not paid 100% of the relevant cost of connection and will apply for five years after the initial connection of capacity or agreed increase in capacity.

## SCHEDULE B

### SCHEDULE OF LOSS ADJUSTMENT FACTORS

<b>VOLTAGE OF CONNECTION</b>	<b>ADJUSTMENT FACTORS</b>
33kV	1.039
11/6.6Kv	1.062
LV	1.114

<b>INTERCONNECTORS</b>	<b>LOSSES</b>
Moyle	2.26%
North-South	2%

**NOTE:** Tables to be used in the circumstances described in Principles for Charging for Use of the System, paragraph 14.

## **SCHEDULE C**

### **ENERGY METERING EQUIPMENT COSTS**

All relevant meter equipment costs are published in the retail market transactional charges document.

## **SCHEDULE D**

### **Costs of Prepayment Metering**

Services in connection with prepayment meters e.g. recalibration would be expected to attract additional charges.

### **Costs of Keypad Metering**

In instances where an existing meter is being replaced by a Keypad meter and the replaced meter would otherwise have required certification/re-certification the capital amount which T&D would have spent on certification in respect of standard credit meters (£22 per meter) will be used as a contribution to the capital cost of the Keypad meter, and in the case of E7 Keypads a similar contribution (£22 per meter) will be appropriate in circumstances where the existing power card meter would have required re-certification in RP3.

No additional charge will be recovered in the use of system charges for premises with keypad meters.



## SCHEDULE E

### USE OF SYSTEM CHARGES RELATING TO GENERATION CONNECTED TO THE DISTRIBUTION NETWORK

#### **Use of System Charges for Standby**

Customers who operate generators either to provide for their own needs or to export, may require NIE to provide distribution capacity to enable them to be supplied at times when the generators are not available. Normal use of system charges will apply in such circumstances.

#### **Use of System Charges for Top-Up**

Top-up supplies are required by premises with generation which is not capable of supplying the total site demand. Normal use of system charges apply in such circumstances.

#### **Use of System Charges for Wheeling**

Under the Electricity Class Exemptions from the Requirement for a Licence Order (NI) 1999, wheeling is a contractual arrangement between small embedded generators and remote sites whereby remote sites are deemed to have received generated units from the generators. In this contractual arrangement the small embedded generator undertakes to act as an exempt supplier and as such will be charged for the use of NIE's system in relation to units wheeled to his customers.

Real power flows do not follow the notional path between generators and remote sites. Customers with the same electrical characteristics connected to the same point in the network use the system identically irrespective of contractual arrangements with generators. However it is deemed that exported energy from embedded generators will be absorbed by the local distribution system and no use of the transmission system will be required. Hence exempt suppliers will be charged for the use of the distribution system only (i.e. no transmission element) in relation to units wheeled from the embedded generator to customer sites. Distribution charges for wheeled units are shown in table 1 below.

Customers under contract with exempt suppliers will also have a main supplier who will provide top-up supplies when required. All non-unit type charges i.e. standing charges, availability and reactive charges where appropriate to the customer tariff, will be levied on the main supplier at normal tariff rates, in accordance with schedule A.

The wheeling arrangements managed by NIE are restricted to generator connections above 100kW. Embedded generators with connected capacity of 100kW or below may seek alternative arrangements with NIE PPB or a licenced supplier in Northern Ireland.

An administrative charge of £22 will be levied on exempt suppliers by NIE each month as a contribution towards the cost of supporting the wheeling arrangements.

## **Use of System Transmission Rebate**

A transmission rebate is payable to NIE PPB and suppliers in respect of energy exported from contracted generators embedded in the NIE distribution system. This reflects the likelihood that all exported energy onto the NIE distribution system will be absorbed by the local distribution system and no use of the transmission system will be required. Table 2 details the credits in relation to generators exporting at different voltage levels.

Transmission rebate is credited to NIE PPB and suppliers who purchase the export from embedded generators to offset their use of NIE's transmission system. NIE PPB and suppliers must apply to NIE Network Pricing for transmission rebate in relation to nominated distribution generator sites. The generator connection must be below 10MW to be eligible for transmission rebate payment and the generator must not export onto the transmission system.

Wheeled units to which a distribution only charge has been applied will not be eligible for transmission credit as no transmission use of system charge has been applied in relation to their transport across NIE's network.

### **Notes:**

If the generation is secure, e.g. by the provision of sufficient spare capacity to cover maintenance and failures, it may be possible to avoid some transmission and distribution costs. Where this is the case special arrangements will be offered.

Sites requiring top-up and standby will generally have a maximum import capacity in excess of their generation capacity. However for consistency with wheeling the standby charge relates to the lower of the site's maximum import capacity and generating capacity.

**SCHEDULE E**  
**Table 1a**

<b>Distribution UoS Charges in Respect of Wheeled Units</b>							
<b>QUARTERLY TARIFFS</b>	<b>Standard p/kWh</b>	<b>Day p/kWh</b>	<b>Night p/kWh</b>	<b>Heating p/kWh</b>	<b>Weekday p/kWh</b>	<b>Evening &amp; W/end p/kWh</b>	<b>Off Peak p/kWh</b>
T011	1.670						
T012		1.979	0.264				
T014		1.983	0.262	0.264			
T015		1.983	0.262	0.264			
T021	1.670						
T022		1.979	0.264				
T024		1.983	0.262	0.264			
T025		1.983	0.262	0.264			
T031	1.593						
T032		1.743	0.264				
T033					2.511	0.452	
T034		1.743	0.262	0.264			
T041							0.146
T042							0.146
T043							0.146
T044							0.146
Public Lighting	1.223						

**Note.**

1. The application of the above tariffs should align with the tariff eligibility defined in Schedule A.
2. The time periods relating to each of the charging bands above are consistent with the time periods for the relevant tariffs in Schedule A.
3. The wheeling arrangements managed by NIE are restricted to generator connections above 100kW.
4. A charge of £22 will be levied on exempt suppliers each month as a contribution towards the cost of managing the wheeling arrangements.

**SCHEDULE E**  
**Table 1b**

<b>Distribution UoS Charges in Respect of Wheeled Units</b>							
<b>STOD TARIFFS</b>	<b>Peak</b>		<b>Weekday</b>		<b>Day units April – Oct &amp; March</b>	<b>Evening &amp; Weekend</b>	<b>Night</b>
	<b>Dec/Jan p/kWh</b>	<b>Nov/Feb p/kWh</b>	<b>Dec/Jan p/kWh</b>	<b>Nov/Feb p/kWh</b>	<b>p/kWh</b>	<b>p/kWh</b>	<b>p/kWh</b>
<i>Medium Voltage</i>							
T101	13.559	11.934	1.698	0.795	0.366	0.409	0.190
T103	12.772	11.872	1.255	0.554	0.279	0.336	0.172
T102	16.244	13.011	0.991	0.439	0.214	0.315	0.136
<i>HV (6.6kV /11kV)</i>							
T201	7.237	5.913	1.039	0.397	0.180	0.208	0.129
T203	11.303	9.266	1.004	0.445	0.186	0.205	0.105
T202	5.899	5.397	0.611	0.287	0.114	0.131	0.065

**Note.**

1. The application of the above tariffs should align with the tariff eligibility defined in Schedule A.
2. The time periods relating to each of the charging bands above are consistent with the time periods for the relevant tariffs in Schedule A.
3. The wheeling arrangements managed by NIE are restricted to generator connections above 100kW.
4. A charge of £22 will be levied on exempt suppliers each month as a contribution towards the cost of managing the wheeling arrangements.

**SCHEDULE E**

**Table 2.**

<b>Rebates in Respect of Exported Units for Embedded Generation</b>			
	<i>Medium Voltage less than 1000 volts p/kWh</i>	<i>6,600/11,000 volts p/kWh</i>	<i>33,000 volts p/kWh</i>
<b>Peak units</b> excluding the Christmas period (see Schedule I) for each kilowatt hour delivered between 1600 – 1900 hrs Monday - Friday inclusive			
December and January	5.916p	5.614p	5.472p
November and February	4.701p	4.444p	4.325p
April – October inclusive and March	0.081p	0.076p	0.074p
<b>Weekday units</b> excluding Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 to 2030 hrs excluding 1600 - 1900 hrs Monday - Friday inclusive			
December and January	0.737p	0.694p	0.675p
November and February	0.439p	0.411p	0.397p
April – October inclusive and March	0.073p	0.069p	0.067p
<b>Evening and Weekend Units</b> including weekday units during Public Holidays and Christmas period (see Schedule I) for each kilowatt hour delivered between 0800 hrs and 2230 hrs at weekend and for each kilowatt hour delivered between 2030 hrs and 2230 hrs on weekday evenings, throughout the year	0.089p	0.084p	0.082p
<b>Night Units</b> for each kilowatt hour delivered during the night between 2230 hrs and 0800 hrs, throughout the year	0.024p	0.024p	0.023p

**Note.**

NIE will pay transmission rebates in relation to exports from embedded generators if the following criteria are met,

1. the generator connected capacity is below 10MW, and
2. the generator does not export onto the transmission system.

## **SCHEDULE F**

### **CHARGES TO GENERATORS FOR TRANSMISSION USE OF THE SYSTEM** **2006/2007**

#### **Use of System Charges for Generator Export Capacity**

The following charge for transmission use of system will apply in respect of generator connected capacity on the NIE transmission network for each monthly account period.

£287.30 / MW / Month

#### **General Conditions associated with Use of System Charges to Generators for Export Capacity**

- (a) The transmission use of system charges will be split so that 25% will be levied on generators and the PPB, and 75% on suppliers. The flow of payments of charges by generators, the PPB and suppliers will be as set out in paragraph 2 of the Principles for Charging for Use of the System.
- (b) Generator connected capacity will for the purposes of transmission use of system charges be the connection capacity specified in each connection agreement entered into by a generator with NIE and by the PPB and NIE, such capacity being the maximum amount of power permitted by NIE to be passed into the system.
- (c) The first business day in December is the cut off date for acceptance by NIE of changes to generator connected capacity for the purposes of calculating the transmission use of system charge to be levied on generators in the forthcoming financial year. NIE will seek confirmation of proposed generator connected capacity from existing generators prior to this date. New generators should also ensure that they have advised NIE of their proposed connected capacity prior to this date.

Transmission use of system charge applied to generators will be based on the aggregated connected capacity as confirmed by the first business day in December of the preceding year. If a generator fails to notify NIE of a reduction in connected capacity, then he will be liable to pay to NIE all capacity related use of system charges based upon the generator connected capacity as estimated at the first business day in December of the preceding year.

## **Use of System Charges for Generator Electricity Imports**

The following charges for use of system will apply in respect to the system capacity provided to meet the maximum power required to be supplied to each power station connection and the extent to which that supply is taken up. These charges will apply to all imports with the exception of reactive imports requested by NIE to provide network support.

<b>Use of System Charges for Imports Required at Transmission Voltages</b>	
<b>UOS Tariff Code</b>	<b>T401</b>
<b>Maximum Demand Charge</b> a monthly charge for each kVA of Maximum Demand recorded between 0800 hrs and 2230 hrs subject to 100 kVA minimum	£0.22
<b>Unit Charges</b> Weekday Units and for on-line customers weekday units excluding Public Holidays and Christmas period for each kilowatt hour delivered between 0800 to 2030 hrs excluding 1600 - 19.00 hrs Monday – Friday inclusive November – February inclusive	
December and January	0.990p
November and February	0.476p
April – October inclusive and March	0.104p
Peak Units and for on-line customers peak units excluding the Christmas period for each kilowatt hour delivered between 1600 – 1900 hrs Monday – Friday inclusive	
December and January	5.469p
November and February	4.935p
April – October inclusive and March	0.104p
Evenings and Weekend Units and for on-line customers evening and weekend units including weekday units during Public Holidays and Christmas period for each kilowatt hour delivered between 0800 hrs and 2230 hrs at weekend and for each kilowatt hour delivered between 2030 hrs and 2230 hrs on weekday evenings, throughout the year	0.114p
Night Units for each kilowatt hour delivered during the night between 2230 hrs and 0800 hrs, throughout the year	0.051p
<b>Reactive Power Charge</b> For each kVAh in excess of 50% of the kWh delivered in the period 1600 - 1900 hrs Monday - Friday during the period November - February and for on-line customers excluding the Christmas period	1.353p

**Note.** All charging periods refer to Greenwich Mean Time (GMT)

### **General Conditions associated with Use of System Charges to Generators for Electricity Imports**

- (a) If no electricity import is required during a charging period then no use of system charges for imports will be levied in respect of that charging period.
- (b) The Maximum Demand Charge will apply to the highest maximum demand recorded in kVA between 0800 hrs and 2230 hrs by the customer in the

relevant charging period. The Maximum Demand Charge is subject to a minimum charge for 100 kVA.



## **SCHEDULE G**

### **CHARGES LEVIED ON INTERCONNECTOR CAPACITY HOLDERS AND SHIPPERS**

#### **North-South Interconnector Capacity Charges**

Holders of capacity on the North South interconnector contract directly with NIE. Capacity charges are governed by the relevant interconnector capacity agreement between the capacity holder and NIE and consequently, are not included in this statement of charges.

#### **Moyle Interconnector Capacity Charges**

Holders of capacity on the Moyle interconnector contract directly with Moyle Interconnector Limited (Moyle). Capacity charges are governed by the relevant interconnector capacity agreement between the capacity holder and Moyle, are collected by Moyle and, consequently, are not included in this statement of charges.

## SCHEDULE H

### COLLECTION AGENCY INCOME REQUIREMENT

The amount known as the Collection Agency Income Requirement which NIE is obliged under the Collection Agency Agreement to collect from suppliers and pay to Moyle Interconnector Limited will be apportioned across all use of system tariff groups to reflect each group's share of predicted units transmitted and distributed. The amount allocated per customer will depend upon the customer type, as defined in schedule A, and will be levied as a fixed charge to each supplier in each charging period. The charges are shown in the table below. Amounts charged to suppliers in respect of the Collection Agency Income Requirement will be separately identified in NIE T&D invoices to suppliers.

**Note.**

Moyle has forecast the level of the Collection Agency Income Requirement for the period 1 April 2006 to 31 March 2007 to be zero.

<b>CHARGES IN RESPECT OF THE COLLECTION AGENCY INCOME REQUIREMENT</b>		
<b>TARIFF</b>	<b>Quarterly Tariffs £/Qtr</b>	<b>Monthly Tariffs £/Mth</b>
T011	£0.00	
T012	£0.00	
T014	£0.00	
T015	£0.00	
T031	£0.00	£0.00
T032	£0.00	£0.00
T033	£0.00	£0.00
T034	£0.00	£0.00
T041	£0.00	£0.00
T042	£0.00	£0.00
T043	£0.00	£0.00
T044	£0.00	£0.00
Public Lighting	£0.00	
T101		£0.00
T103		£0.00
T102		£0.00
T201		£0.00
T203		£0.00
T202		£0.00
T301		£0.00
T303		£0.00
T302		£0.00

## **SCHEDULE I**

### **Public Holiday Dates**

17th & 18th April 2006

1st May 2006

29th May 2006

12th July 2006

28th August 2006

19th March 2007

### **Christmas Period**

25th December 2006 - 1st January 2007

Inclusive

## **ADDRESSES AND TELEPHONE NUMBERS**

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