TUoS Statement of Charges

Applicable from 1st October 2024



This Statement has been approved by the Northern Ireland Authority for Utility Regulation

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CONTACT DETAILS

Information on Transmission Use of System charges can be obtained from the following:

SONI Contracts and Settlement Department Castlereagh House 12 Manse Road BELFAST BT6 9RT

Telephone: 028 90794336 Email: cas@soni.ltd.uk

This Charging Statement is obtainable from the SONI website (www.soni.ltd.uk).

DEFINITIONS

In this Charging Statement unless the context requires otherwise, the following terms shall have the following meanings:

All Island Transmission Networks: as defined in the License.

Business Day: means any day (excluding Saturdays and Sundays) on which banks are open for domestic business in Belfast.

Connection Agreement: means the agreement for connection to the NI System dated 1 April 1992 between SONI and the Generator (as amended, restated and novated from time to time).

Generator: means a power plant or any similar apparatus that generates electricity (including all related equipment essential to its functioning as a single entity) with capabilities for delivering energy to the Transmission System or Distribution System and which is connected to the Transmission System or Distribution System.

Grid Code: means the Grid Code prepared pursuant to the Licence, as from time to time revised in accordance with the Licence.

KWh: means Kilowatt hour.

Maximum Export Capacity (MEC): means the maximum export capacity of a site in MW as defined under the site's Connection Agreement or equivalent.

Maximum Contracted Capacity: Maximum Import Capacity or Maximum Export Capacity as appropriate which is set out in the relevant Connection Agreement or Transmission Use of System Agreement.

Moyle Interconnector: means the electrical interconnector between Northern Ireland and Scotland which is owned by Moyle and which comprises the converter stations at Ballycronan More, Co. Antrim, Northern Ireland and Auchencrosh, Ayrshire, Scotland and the undersea and underground electric lines which interconnect such converter stations, together with its connections to the NIE Networks System and the GB System.

MWh: means Megawatt hour.

UR: means the Utility Regulator for Northern Ireland.

NIE Networks: means Northern Ireland Electricity Networks Ltd whose registered office is at 120 Malone Road, Belfast, BT9 5HT.

Regulatory Authorities: means the UR in Northern Ireland and the Commission for Regulation of Utilities in the Republic of Ireland and the term "Regulatory Authority" shall be construed accordingly to mean any one of them as the context admits or requires.

System Operator: means, in respect of Northern Ireland, the holder of a licence to participate in transmission granted under Article 10(1) (b) of the Electricity (Northern Ireland) Order 1992 as may be amended or replaced from time to time, and which

requires the licensee to co-ordinate, and direct, the flow of electricity onto and over the Northern Ireland Transmission System.

SONI: System Operator in Northern Ireland.

SEM: means the wholesale all island Single Electricity Market.

Supplier: means a Participant licensed to supply electricity under section 10 of the Electricity (Northern Ireland) Order 1992.

System Operator Licence: means the licence to participate in the transmission of electricity granted to SONI under the Electricity (Northern Ireland) Order 1992.

TUoS: Transmission Use of System.

Transmission Use of System Agreement: means an agreement between SONI and any person pursuant to which SONI grants rights to use the all island transmission networks.

Transmission System: means, in respect of Northern Ireland, the system of electric lines owned by the Transmission Asset Owner and comprising high voltage lines and electrical plant and meters used for conveying electricity from a generating station to a substation, from one generating station to another, and from one substation to another within the Transmission Asset Owner's authorised transmission area and any other electric lines which the UR may specify as forming part of the Transmission System, but shall not include any such lines specified as being part of the Distribution System and shall not include any Interconnector.

INTRODUCTION

The Single Electricity Market (SEM) is an all-island market for the wholesale trading of electricity in both Northern Ireland and the Republic of Ireland. The I-SEM Project revised the market arrangements with the new market going live on 1 October 2018. The terms of participation in the SEM are set out in the Trading and Settlement Code.¹

This Charging Statement describes the charges for use of the All-Island Transmission Networks in respect of generation and supply in Northern Ireland and also sets out Other System Charges in respect of centrally dispatched generators in Northern Ireland.

The Other System Charges Methodology Statement and the DS3 System Services Statement of Payments are published as separate documents.

This Charging Statement has been prepared by SONI in accordance with Condition 30 of the System Operator Licence and has been approved by the Utility Regulator (UR). Words and expressions used in this Charging Statement shall have the definitions given to them in the Electricity (Northern Ireland) Order 1992 the Energy (Northern Ireland) Order 2003, Electricity (Single Wholesale Market) (Northern Ireland) Order 2007, the Electricity Regulations (Northern Ireland) 2007 or the SONI System Operator Licence, unless defined otherwise.

This document contains:

- (i) Transmission Use of System Charges for Suppliers as outlined in Section A;
- (ii) Transmission Use of System Charges for Generators as outlined in Schedule B;

(iii) System Support Services Charge for Suppliers as outlined in Appendix 1. These System Support Services Charges do not form part of the Transmission Use of System revenue entitlement;

(iv) Other System Charges as outlined in Appendix 2. These charges do not form part of the Transmission Use of System revenue entitlement.

Persons seeking to use the Transmission System will be required, prior to using the Transmission System, to enter into a Transmission Use of System Agreement with SONI setting out the obligations of both parties. The Transmission Use of System Agreements and/or Connection Agreements for Suppliers, Generators and customers will require the connected party to comply with the provisions of the NI Grid Code, obtainable from the SONI website². SONI will offer terms for transmission use of system as soon as

¹ Trading and Settlement Code is available on the SEMO website <u>www.sem-o.com</u>

² SONI website www.soni.ltd.uk

practicable after receipt of an application and in any case not later than 28 days after receipt of all relevant information. The Transmission Use of System Agreement will take precedence in the event of any inconsistency with this Charging Statement.

A party seeking use of the Transmission System will be required to pay all charges due as described in this Charging Statement and the accompanying schedules and appendices. Charges and costs shown are current at the time of publication but are subject to change without notice following revision of the Charging Statement and its approval by the UR. In special circumstances with the approval of the UR, SONI and a user may agree changes separately.

Where an authorised electricity operator, having entered into a Transmission Use of System Agreement, ceases for whatever reason to be an authorised electricity operator with respect to that use of the Transmission System, the entitlement to use of the Transmission System will cease forthwith in accordance with the terms of the Transmission Use of System Agreement, except that the authorised electricity operator shall continue to pay to SONI all capacity related Transmission Use of System charges payable under that agreement during the effective period of this Charging Statement.

Persons seeking transmission use of system or persons seeking a connection in conjunction with transmission use of system must apply to SONI in writing to the address given in page 3 of this Charging Statement.

Persons seeking transmission use of system with respect to a new supply must apply for connection in accordance with the terms and conditions described in the appropriate statement of charges for connection. The appropriate Connection Agreement with each customer or Generator will take precedence in the event of any inconsistency with this Charging Statement or the relevant statement of connection charges.

Overview of Transmission Use of System Charges

Transmission Use of System charges are designed to recover the NIE Networks Transmission Revenue Entitlement as approved by the UR. The Transmission Revenue Entitlement is calculated as a percentage of NIE Networks Transmission and Distribution Entitlement which includes costs such as return on assets, depreciation of assets and operating expenditure. Currently 75% of the Transmission Revenue Entitlement is recovered from Suppliers via the charges set out in Schedule A of this Charging Statement. The remaining 25% of the Transmission Revenue Entitlement is recovered from Generators through the Generator export charge outlined in Schedule B of this Charging Statement.

PRINCIPLES FOR CHARGING FOR USE OF THE TRANSMISSION SYSTEM

Supplier Charges

1. Where a supply of electricity is provided 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 Supplier. The relevant charges that are generally applicable are described in Schedule A of this Charging Statement and are payable in accordance with the tariff categories described in the schedule. These charges may be passed through to customers or Generators by the Suppliers.

2. The charges for use of the Transmission System reflect the costs of providing, operating and maintaining the Transmission System to the standards prescribed by the Transmission Asset Owner licence, other than those costs which are recovered through charges in respect of connection.

3. Charges to Suppliers for use of the Transmission System reflect power flows on the Transmission System and the need to provide adequate capacity at transmission voltage levels to ensure that transmission planning and security standards are met as defined in the Transmission Asset Owner licence.

4. In accordance with Schedule A of this Statement of Charges and depending on the criteria stated, the charges for use of the Transmission System to Suppliers will include the following element:

• A charge per kWh for each unit delivered through the Transmission System, designed to reflect costs of the Transmission System that are not recovered through the connection charge, the costs of operating, maintaining and reinforcing the Transmission System where connection charges are not applicable and associated on-costs. These charges are higher at peak times to reflect the higher demands on the Transmission System at these times.

5. Where use of the Transmission System is sought at a standard of security different to that specified in the standards contained in the Transmission Asset Owner licence parties should refer to the Connection Charging Statement as agreed between SONI and the UR.

Generator TUoS Charges

1. Where a Generator 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. The charges applicable are described in Schedule B of this Charging Statement.

2. Where a Generator is importing 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 registered Supplier. The charges applicable are described in Schedule B of this Charging Statement.

General Principles

1. Where special metering is required to be provided 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 on request by the user of the Transmission 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.

2. Payment of charges for use of the Transmission System will be payable in accordance with any Transmission Use of System Agreement in force or, if there is no Transmission Use of System Agreement or the Transmission Use of System Agreement does not specify payment terms, within 10 business days of the date of invoice. The invoice will provide charges summated for all meter points allocated to each TUoS category. SONI reserves the right to require appropriate security in respect of the charges estimated to arise depending on the circumstances and on the basis of the agreed payment terms.

3. Where, after evaluation of the characteristics of the requested use of the Transmission System, SONI accepts that none of the categories of charges in the attached schedules is appropriate, special arrangements will be offered.

4. In accordance with the relevant Connection Agreement and/or Transmission Use of System Agreement, in the event that the relevant Maximum Contracted Capacity is exceeded, SONI may give notice to the Supplier, customer or Generator, as appropriate, setting out details and requesting the Supplier, customer or Generator to remedy the situation within a required time. Failing this, SONI has the right under such its relevant agreements to de-energise the Supplier, customer or Generator as applicable. Where the relevant Maximum Contracted Capacity is exceeded, SONI may charge for all reasonable additional costs incurred.

Interconnector

1. Persons who have acquired capacity (Capacity Holders) on the Moyle interconnector have an obligation to make payments for such capacity rights directly to Moyle Interconnector Limited (Moyle) in accordance with the terms of their respective Moyle Interconnector Capacity Agreements.

2. Moyle's transmission licence and the direction issued under it permit Moyle to raise its revenues from sales of capacity on the Moyle interconnector and to recover the balance of its revenue requirements from payments received from SONI under the Collection Agency Agreement into which SONI is obliged to enter under condition 37 of its licence. Under this agreement SONI is obliged to set its Transmission Use of System Charges to Suppliers each year at a level which includes Moyle's forecast of the amount which Moyle needs to receive under the Collection Agency Agreement in that year to fully cover its costs. SONI must account to Moyle for the amounts so recovered. Schedule D explains the basis on which the Collection Agency Income Requirement will be recovered via Transmission Use of System charges.

SCHEDULE A: CHARGES TO SUPPLIERS FOR USE OF THE NIE NETWORKS TRANSMISSION SYSTEM

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

INDEX OF SUPPLIER TARIFF CATEGORIES

- 1. For Supply from November to February Winter Peak
- 2. For Supply from November to February Outside of Peak
- 3. For Supply from November to February Evening and Weekend
- 4. For Supply at all other times

Tariff Category	Rate
Nov – Feb Winter Peak Units (ST01) For each kilowatt hour delivered between 1600 - 1900 hrs Monday to Friday inclusive.	3.374 p/kWh
* Excluding the Christmas period (see Schedule F for details)	
Nov – Feb Outside of Peak Weekday Units (ST02) For each kilowatt hour delivered between 0800 - 2030 hrs (excluding 1600 - 1900 hrs) Monday to Friday inclusive. * Excluding the Christmas period (see Schedule F for details)	2.093 p/kWh
Nov – Feb Evening and Weekend units (ST03) 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. * Including weekday units from 0800 hrs to 2030 hrs during the Christmas period (see Schedule F for details)	2.527 p/kWh
All other times (ST04) For each kilowatt hour delivered between 1 st March to 31 st October period (inclusive) and for each kilowatt hour delivered between 2230hrs to 0800hrs during November to February period.	0.246 p/kWh

SCHEDULE B: CHARGES TO GENERATORS FOR USE OF THE NIE NETWORKS TRANSMISSION SYSTEM

Generator Export Capacity Charge

Generator TUoS in the SEM

Where a Generator 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 payable for all generating units.

From the 1st October 2012, the TUoS charging threshold has been reduced to 5MW for all generators. A new incremental rule has also been implemented for distribution connector generators (i.e. a 7MW generator will be charged for 2MW, a 12MW generator will be charged for 7MW etc).

The table below shows the charge that shall apply for each MW of Generator Maximum Contracted Capacity for each monthly account period.

Generation Facility	Network Capacity Charge Rate £/MW/month
Altahullion	£561.26
Altahullion 2	£561.26
Altamuskin	£566.56
Altaveedan	£580.23
Ballinderry Road PV	£595.43
Ballydown BESS	£520.65
Ballygarvey Road	£537.24
Ballykeel	£534.37
Ballylumford B10	£532.03
Ballylumford B31	£529.44
Ballylumford B32	£529.44
Ballylumford GT7	£532.01
Ballylumford GT8	£532.01
Ballyutoag	£537.24
Bann Road	£561.31
Bessybell 2	£564.47
Bin Mountain	£556.32
Bombardier	£391.98
Brockaghboy	£580.23
Callagheen	£610.62
Carn Hill	£532.02
Carrickatane	£554.46
Castlecraig	£610.62
Castlegore	£537.24
Castlereagh BESS	£395.50
Church Hill	£564.46

Generation Facility	Network Capacity Charge Rate £/MW/month
Cloonty	£567.28
Contour Global	£395.50
Coolkeeragh C30 GT	£541.37
Coolkeeragh C30 ST	£552.02
Coolkeeragh GT8	£552.02
Cornavarrow	£610.62
Crabtree BESS	£389.83
Craiggore	£580.23
Cregganconroe	£567.85
Crigshane	£564.46
Crockagarran	£574.16
Crockandun	£567.85
Crockbaravally	£566.56
Crockdun	£567.85
Curryfree	£552.02
Drumkee	£574.82
Dunbeg	£567.28
Dunmore	£567.28
Eglish	£554.46
Elginny Hill	£537.24
Empower AGU	£395.50
Eshmore	£567.85
Evishagaran	£580.23
Finvoy Road	£561.31
Garves	£567.28
Glenbuck	£580.23
Gortfinbar	£567.85
Gronan	£564.46
Gruig	£567.28
Hannahstown BESS	£614.33
Hunters Hill	£564.47
Inishative	£567.85
iPower AGU	£395.50
Kells Battery	£537.24
Kells PV	£537.24
Kilroot GT1	£525.00
Kilroot GT2	£525.00
Kilroot GT3	£525.01

Generation Facility	Network Capacity Charge Rate £/MW/month
Kilroot GT4	£525.01
Kilroot GT6	£525.01
Kilroot GT7	£525.01
Laurel Hill Solar	£520.67
Lendrum's Bridge	£564.47
Lishally Power Station	£552.04
Long Mountain	£580.23
Lough Hill	£556.32
Lough Road	£595.43
Maghaberry Road	£595.43
Magherakeel	£564.46
Millar Farm PV	£537.24
Molly Mountain	£610.61
Monnaboy	£552.02
Mullavilly	£520.66
Murley Mountain	£566.56
Newry	£520.66
Ora More	£610.62
Owenreagh	£556.32
Owenreagh2	£556.32
Rathsherry	£537.24
Screggagh	£564.47
Seegronan	£564.46
Shantavny Scotch	£566.56
Slieve Divena 1	£564.47
Slieve Divena 2	£566.56
Slieve Rushen2	£610.61
Slieveglass	£610.62
Slievekirk	£554.46
Smulgedon	£580.23
Snugborough	£610.61
Tappaghan	£564.47
Teiges	£566.56
Thornog	£564.46
Tievenameenta	£564.46
Wolf Bog	£534.37

The exchange rate applied for converting the GTUoS rates into GBP amounts was 0.8518.

Generator Electricity Import Charge

Where a Generator is importing 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 registered Supplier. The charges set in the Table below will apply to all imports with the exception of reactive imports requested by SONI to provide network support.

Tariff Category	Rate
Nov – Feb Winter Peak Units (ST01) For each kilowatt hour delivered between 1600 - 1900 hrs Monday to Friday inclusive.	3.374 p/kWh
* Excluding the Christmas period (see Schedule F for details)	
Nov – Feb Outside of Peak Weekday Units (ST02) For each kilowatt hour delivered between 0800 - 2030 hrs (excluding 1600 - 1900 hrs) Monday to Friday inclusive. * Excluding the Christmas period (see Schedule F for details)	2.093 p/kWh
Nov – Feb Evening and Weekend units (ST03) 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. * Including weekday units from 0800 hrs to 2030 hrs during the Christmas period (see Schedule F for details)	2.527 p/kWh
All other times (ST04) For each kilowatt hour delivered between 1 st March to 31 st October period (inclusive) and for each kilowatt hour delivered between 2230hrs to 0800hrs during November to February period.	0.246 p/kWh

SCHEDULE C: CHARGES LEVIED ON INTERCONNECTOR CAPACITY HOLDERS

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. Capacity charges are collected by Moyle and, consequently, are not included in this Charging Statement.

SCHEDULE D: COLLECTION AGENCY INCOME REQUIREMENT (CAIRt)

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 SONI under the Collection Agency Agreement into which SONI is obliged to enter under Condition 37 of the System Operator licence. The balance of Moyle's revenue requirement under the Collection Agency Agreement for the 2024/25 tariff year is £0.

Moyle Interconnector's financing arrangements include a mechanism for extracting surplus cash via the Distributions Account. Over the 2024/25 tariff year, Moyle will be returning funds to NI customers through its Distributions Account. SONI will invoice Moyle each month and pay the funds received from Moyle to Suppliers. The amount allocated per trading point will depend upon the kWh consumption in each charging period. Amounts paid to Suppliers in respect of the Distributions Account will be separately identified in SONI invoices to Suppliers.

To ensure transparency and accountability, SONI will use the CAIRt function within the revenue algebra set out in its licence to process the return of funds to customers and for the associated regulatory reporting.

CAIRt Charge -0.059 p/kWh

SCHEDULE E: ENERGY METERING EQUIPMENT COSTS

All relevant meter equipment costs are published in the retail market transactional charges document.³

³ The Retail Market Transactional Charges Document is available at <u>http://www.nienetworks.co.uk/About-us/Regulation/Regulatory-documents</u>

SCHEDULE F: CHRISTMAS HOLIDAY PERIOD

Christmas Period Dates

25th December 2024 – 1st January 2025 inclusive

APPENDIX 1: SYSTEM SUPPORT SERVICES (SSS) CHARGE

The following table sets out the charges that will be applied for each unit sold with rates applying for the period 1st October 2024 to 30th September 2025.

System Support Services Charges do not form part of the Transmission Use of System revenue entitlement.

	p/kWh sold
SSS Tariff	2.369

APPENDIX 2: OTHER SYSTEM CHARGES

The following tables set out the charge rates and parameters for Other System Charges from 1st October 2024. The charge rates and parameters should be considered along with the Other System Charges Methodology Statement. Please be advised that a new charge rate is applicable for Battery SND and DSU GPI will remain on hold unless otherwise directed by RAs. Details are outlined in the Other System Charges Methodology Statement.

Other System Charges do not form part of the Transmission Use of System revenue entitlement.

Generator Performance Incentive Charge Rates/Parameters

Minimum Generation	£1.25 / MWh
Reactive Power Leading	£0.30 / MVArh
Reactive Power Lagging	£0.30 / MVArh
Governor Droop	£0.30 / MWh
Primary Operating Reserve	£0.51 / MWh
Secondary Operating Reserve	£0.13 / MWh
Tertiary Operating Reserve 1	£0.13 / MWh
Tertiary Operating Reserve 2	£0.13 / MWh
Secondary Fuel Availability	£0.04 / MWh
DSU Metering Shortfall	£86.72 / MWh
DSU MW Shortfall Tolerance	70%
Late Declaration Notice Time	480 min
Secondary Fuel Availability Factor	0.9

Event Based GPIs will remain at zero (i.e., Loading Rate, De-Loading Rate, Early Synchronisation, Late Synchronisation, Max Starts in 24-hour period and Minimum On time).

Trips and Short Notice Declaration Charge Rates/Parameters

Trips	
Direct Trip Rate of MW Loss	15 MW/s
Fast Wind Down Rate of MW Loss	3 MW/s
Slow Wind Down Rate of MW Loss	1 MW/s
Direct Trip Charge Rate with a QFPN	£2,095.43
Fast Wind Down Charge Rate with a QFPN	£1,572.42
Slow Wind Down Charge Rate with a QFPN	£1,048.57
Direct Trip Charge Rate without a QFPN	£4,190.00
Fast Wind Down Charge Rate without a QFPN	£3,142.29

Slow Wind Down Charge Rate without a QFPN	£2,096.28
Direct Trip Constant	0.01
Fast Wind Down Constant	0.009
Slow Wind Down Constant	0.008
Trip MW Loss Threshold	100 MW
Short Notice Declarations	
SND Time Minimum	5 min
SND Time Medium	20 min
SND Time Zero	720 min
DSU SND Time Zero	60 min
Battery SND Time Zero	30 min
SND Powering Factor	-0.3
SND Charge Rate with a QFPN	£36.63 / MW
SND Charge Rate without QFPN	£73.25 / MW
SND Threshold	15 MW
DSU and Battery SND Threshold	2 MW
Time Window for Chargeable SNDs	60 min

The exchange rate applied for converting the OSC rates to GBP amounts was 0.8518.

Charges for Generator Performance Incentives, Trips and Short Notice Declarations will be calculated and applied by SONI in accordance with the provisions of the Other System Charges Methodology Statement developed on an all-island basis by SONI in conjunction with EirGrid (its counterpart in Ireland) based on the Regulatory Authorities' harmonised decisions and posted on the SONI website (www.soni.ltd.uk), as the same may be amended from time to time.