**AGREEMENT FOR CONNECTION TO [EASTERN /LONDON / SOUTH EASTERN] POWER NETWORKS PLC’S DISTRIBUTION SYSTEM**

**BETWEEN**

(1) [Eastern / London / South Eastern] Power Networks plc

Company Number [02366906 / 03929195 / 03043097]

Newington House, 237 Southwark Bridge Road, London, SE1 6NP

(“the **Company**")

**AND**

(2) [A n Other Ltd]

Company Number [Number]

[Any Number], [Any Street], [Any Town], [Any County]

("the **Customer**")

In consideration of the payment of its charges the Company agrees to the Connection of the
Customer's Installation to its Distribution System on the terms set out in the
**National Terms of Connection** (available by internet at [www.connectionterms.co.uk](http://www.connectionterms.co.uk/) or
on request in writing to Energy Networks Association, 6th Floor, Dean Bradley House,
52 Horseferry Road, London SW1P 2AF) which may be varied from time to time, and the Appendices to this Agreement (collectively being the “**Terms and Conditions**”).

The Customer confirms that he has read and fully understands all of the **Terms and Conditions**.

In entering into this Agreement the Customer understands that he shall be bound contractually by the
**Terms and Conditions** on and from the Commencement Date.

Where there is any inconsistency between the Appendices to this Agreement and the National Terms of Connection, the Appendices to this Agreement will take precedence.

Subject to the **Terms and Conditions,** the Agreement shall remain in full force and effect on and from the Commencement Date until terminated in accordance with its terms.

Expressions used in this Agreement have the same meaning as in the Terms and Conditions.

1. Clause (2) shall apply to this Agreement until the expiry of 30 September 2016. Clause (3) shall apply to this Agreement from 1 October 2016.
2. Notwithstanding Clause 18 of the National Terms of Connection, the Customer covenants that the Customer shall not dispose of any interest in the Premises, the Customer’s Installations or the Customer’s Generating Equipment unless the Customer has obtained from the proposed transferee of such interest a Deed of Covenant in a form acceptable to the Company in its sole discretion binding the proposed transferee to this Agreement and provided such deed to the Company. The Customer shall register the following restriction in the proprietorship register of its title to the Premises within 14 days of the date of this agreement and provide an official copy of the title to the Company within 14 days of the registration having been completed:

*"No disposition of the registered estate by the proprietor of the registered estate, or by the proprietor of any registered charge not being a charge registered before the entry of this restriction is to be registered without a certificate signed by a conveyancer that the provisions of an agreement dated [      ] made between [                     ] and [                       ] relating to the disposition of the Premises have been complied with or that they do not apply to the disposition".*

1. The Customer agrees that the Company shall, on the application of any person purporting to be an owner and/or occupier (or prospective owner and/or occupier) of the Connected Premises, be entitled to disclose to such person the fact that this Agreement contains terms which differ from the terms set out in the National Terms of Connection (www.connectionterms.co.uk).

The Customer shall, prior to selling or leasing its interest in the Connected Premises (or otherwise permitting a third party to occupy the Connected Premises), ensure that the existence and provisions of this Agreement are brought to the attention of such third party. For information, any such third party should note that it may automatically be bound by the provisions of this Agreement in accordance with the National Terms of Connection (www.connectionterms.co.uk).

**If you are signing this Agreement on behalf of the Customer but are not employed by the Customer you must forward with the signed Agreement a valid signed letter of authority (dated no more than 12 months before the date of the Customer’s signature below) from the Customer expressly authorising you to enter into the Agreement on behalf of the Customer.**

|  |  |  |
| --- | --- | --- |
| SIGNED by the authorised signatory for and on behalf of **the Customer** | (signature) |   |
|  | (print name) |   |
| EITHER (position at the Customer)OR (if signing as agent for the Customerthe name of person and company actingas agent and attach letter of authorityto bind the Customer) | (position at the Customer) or (agent's name and company) |   |
| (date) |   |
|  |  |  |
|  |  |  |
| SIGNED by the authorised signatory for and on behalf of **the Company** | (signature) |   |
|  | (print name) |   |
|  | (date) |   |

**APPENDIX 1
GENERAL PARTICULARS OF THE CONNECTIONS**

1. Address for notices

(i) The Company : [Eastern / London / South Eastern] Power Networks plc
c/o Agreements Manager, UK Power Networks (Operations) Ltd
Energy House, Carrier Business Park, Hazelwick Avenue,
Three Bridges, Crawley, West Sussex, RH10 1EX
Telephone: 0808 1014131
Fax: 01293 577777

(ii) Customer : at the Customer’s address shown in the Agreement
Telephone: **[**HERE]
Fax: [HERE]

1. Except as set out in paragraph 3 below the characteristics of the connection(s) shall be as follows:
2. Characteristics of supply:

(i) Number of Phases: Three phase

(ii) Current: Alternating current

(iii) Voltage: [Enter Statutory Voltage kV ± 6% / +10%/-6%]

(iv) Frequency: 50 Hertz ± 1%

1. Connection Point(s) (supply terminals): Either
2. where the Company’s service cable terminates in a cut-out fuse, the supply terminals are the outgoing terminals of the cut-out; or
3. where the connection is provided direct into a Customer’s intake switch, the supply terminals are the incoming terminals of the Customer’s intake switch; or
4. where the connection is provided from a Company switch fuse or circuit breaker, the supply terminals are the outgoing terminals of that Company’s switch fuse or circuit breaker.

(c) Use of system tariff type: PUBLISHED RATES

1. Site details:
2. Site address: [HERE]
3. Import MPAN(s) : [HERE]

(ii) Export MPAN(s) : [HERE]

(b) Commencement Date : [HERE]

(c) (i) Maximum Import Capacity (kVA) + : [HERE]

(ii) First date for Reduction on Import Capacity : [HERE]

(iii) Maximum Export Capacity (kVA) + : [HERE]

(iv) First date for Reduction of Export Capacity : [HERE]

+ The Maximum Import Capacity and Maximum Export Capacity may be subject to operational and technical restrictions and these are set out in Appendix 2 - Schedule 4 “OPERATING ARRANGEMENTS APPLICABLE TO SPECIFIC CONNECTION POINTS” and Appendix 2 - Schedule 5 “TECHNICAL CONDITIONS APPLICABLE TO SPECIFIC CONNECTION POINTS”

**APPENDIX 2 - TECHNICAL CONDITIONS**

Where technical conditions specified in this Appendix conflict with the body of this Agreement then to the extent that conflict exists the relevant technical condition or part of the relevant technical condition shall take precedence.

CONTENTS OF APPENDIX 2

SCHEDULE 1 - CONNECTION POINT DETAILS

SCHEDULE 2 - TECHNICAL SUPPLY CAPACITIES AND SOLE USE ASSETS

SCHEDULE 3 - SITE RESPONSIBILITY SCHEDULES

SCHEDULE 4 - SITE SPECIFIC OPERATING ARRANGEMENTS

SCHEDULE 5 - SITE SPECIFIC TECHNICAL CONDITIONS

SCHEDULE 6 - SITE GEOGRAPHIC PLANS

SCHEDULE 7 - SITE OPERATIONAL DIAGRAMS

SCHEDULE 8 - THE CUSTOMER’S GENERATING EQUIPMENT

SCHEDULE 9 - TECHNICAL DEROGATIONS

SCHEDULE 10 - GENERATING EQUIPMENT CONNECTED TO THE CUSTOMER’S INSTALLATION

SCHEDULE 11 - EXCLUSION AND LIMITATIONS OF LIABILITY FOR DISTRIBUTED GENERATION UNAVAILABILITY PAYMENT

SCHEDULE 12 - PROPERTY DOCUMENTS

#

# schedule 1 - CONNECTION point details

An additional part to this Schedule will be required for each additional premises to be supplied

|  |  |
| --- | --- |
| **PREMISE** | premise name |
| **CONNECTION POINT** | name of CONNECTION point (repeat for premise with multiple Connection Points) |
| Commencement Date at which this specific Connection Point is included in this Agreement | dd/mm/yyyy |
| Grid Reference of Connection Point |  |
| Name of Feeding Company Substation |  |
| Current | Alternating |
| Frequency | 50Hz |
| Voltage | ## V |
| Number of Phases | 3 phase |
| Maximum Permitted Import Capacity | ###,### kVA |
| limited to  |
| ###,### kW |
| ###,### kVAr import(lagging p.f.)###,### kVAr export(leading p.f.) |
| Maximum Permitted Export Capacity | ###,### kVA |
| limited to  |
| ###,### kW |
| ###,### kVAr import(leading p.f.)###,### kVAr export(lagging p.f.) |
|  | Default Power Factor at the Connection Point \*\*    The nominal operating power factor shall be as prescribed in the National Terms Of Connection unless otherwise stated in writing in this Agreement | Active Import             | Unity to 0.95 lagging [nominal operating point Unity power factor] |
| Active Export | Unity to 0.95 leading [nominal operating point 0.99 leading power factor] |

Schedule 2 - Technical Supply Capacities and Sole Use Assets

Application Notes
Where the registration sheets show maximum technical capacities these are based solely on the capacity of the sole use plant and negative phase sequence voltage at the point of common coupling (PCC). The actual maximum capacities negotiated with the Customer will additionally take account of other loads on shared use plant and the obligations placed upon the Customer by the entirety of this Agreement.

**Supply Point and Sole Use Assets Registration Sheet**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) *add columns if required* |
| Circuit Name: |  |  |  |
| Supply Voltage |  |  |  |
| Normal NGC GSP: |  |  |  |
| Metering Point Substation |  |  |  |
| IMPORT Meter Point Administration Numbers (MPANs) |  |  |  |
| EXPORT Meter Point Administration Numbers (MPANs) |  |  |  |
| Network Capacity | Thermal (kVA) |  |  |  |
| Sole Use Cables | Voltage |  |  |  |
|  | Type & Length (m) |  |  |  |
|  | Capacity (Distribution Rating) |  |  |  |
|  | Capacity (Continuous Rating) |  |  |  |
|  | Impedance |  |  |  |
| Sole Use Switchgear | Make/Type |  |  |  |
|  | Capacity (Continuous Rating) |  |  |  |

Schedule 3 - Site Responsibility Schedules

The site responsibilities shall be detailed in separate documentation between the parties in the form of a separate Site Responsibility Schedule Document.

NOTES

1. **Unless otherwise stated, Responsibility follows ownership.**
2. Charges for renewal or maintenance of assets operated by the Company solely to enable a connection to the Customer or in the case of EHV connections the share of use of the Company’s assets are subject to the Company’s Methodology and Statement of Basis of Connection Charges.
3. Customer’s equipment connected to the Company’s Connection Points, whilst being the responsibility of the Customer to control, operate and maintain, are subject in the first instance to the Company’s Safety Management System in the conducting of any activities upon such Customer equipment **within** substations under the site management of the Company, noting however the Customer’s Safety Management System applies to the conducting of works upon the Customer’s equipment itself.
According to the nature of the works upon the Customer’s equipment outside of the substation or works upon the Company’s connection equipment, both the Customer’s and/or the Company’s related Safety Rules and Safety Documentation **may be required** to apply and be issued according to the nature of the work to be undertaken by the Customer or the Company, the necessity to make dead or earth or further prevent other potential sources of voltage being presented upon either party’s systems in the relevant work zone.

# Schedule 4 - Site Specific OPERATING ARRANGEMENTS

| **General Operating Arrangements for all sites** |
| --- |
| **1. DIVISION OF RESPONSIBILITY FOR CONTROL MAINTENANCE AND OPERATION**1(a) Unless otherwise stated in this Agreement all apparatus on the Company’s side of the Connection Point shall be controlled and operated by the Company.1(b) Unless otherwise stated in this Agreement all apparatus on the Customer’s side of the Connection Point shall be the responsibility of the Customer.Drawings contained within Appendix 2, Schedule 7 indicate the operational boundaries which shall apply. |
| **2. SWITCHING OPERATIONS ON COMPANY CONTROLLED APPARATUS**To comply with Regulation 12 of the Electricity at Work Regulations 1989, the Customer may, in an emergency, trip the outgoing circuit breaker by remote emergency tripping facility provided by the Company but the Company’s Control Engineer must be informed immediately afterwards.Energisation (or any subsequent Re-Energisation) or any non-emergency De-energisation of the Connection Point shall only be performed by the Company’s authorised staff to the direct instructions of the Company’s Control EngineerIsolating and earthing operations on all high voltage apparatus controlled by the Company shall only be performed by the Company’s authorised staff to the direct instructions of the Company’s Control Engineer. |
| **3. WORK ON HIGH VOLTAGE EQUIPMENT**All work on high voltage apparatus controlled by the Company shall be carried out in accordance with the Company’s Distribution Safety Rules and Operational Practice Manual utilising the Company’s Safety Documents.Where such apparatus is capable of being energised from switchgear under the control of the Customer, the Customer shall provide the Company with an Operation, Isolation and Earthing (OIE) Certificate\* confirming actions taken to ensure safety and, where requested, demonstrate that the actions taken are appropriate in the circumstances. Unless otherwise agreed with the Company, where the Customer operates its own control room a Record of Inter-System Safety Precautions (RISSP) procedure shall be utilised to ensure safe coordinated interaction of the Customer’s and the Company’s control room activities and on site work activities.All work on high voltage apparatus controlled by the Customer shall be carried out in accordance with the Customer’s current arrangements OIE certificate(s) being provided by the Company when necessary. When requested, any work by the Company’s staff shall be carried out under the Company’s/Approved Customer’s Safety Document procedures utilising, where necessary, OIE certificate(s) provided by the Customer or the Company.\* Form for OIE certificate can be provided. |
| **4. LOCKING OF SWITCHGEAR**On all the Company controlled switchgear, the Company’s locks shall be used to secure:(a) all opening facilities apart from those specified in paragraph 2 above,b) all closing facilities apart from those specified in paragraph 2 above,1. all isolation and earthing facilities.

Responsibility for locking Customer controlled apparatus rests with the Customer. |
| **5. IRREGULARITIES OF SUPPLY**All faults or irregularities on both the Company’s and Customer’s high voltage equipment shall be reported immediately to the Company’s Control Engineer. |
| **6. COMMUNICATION WITH THE CONTROL ENGINEER**The Company’s staff are on are on duty at all times in the Company’s Control Centre.When speaking to the Company’s Control Centre the Customer’s Representative should identify themselves and the substation they are calling about. Reports should be clear and concise. [Eastern Power Networks plc - ’East of England Network’ only* The Company’s Control Centre can be contacted on 0800 783 8838

London Power Networks plc - ’London Network’ only * The Company’s Control Centre can be contacted on 0800 028 0247

South Eastern Power Networks plc - ’South East Network’ only* The Company’s Control Centre can be contacted on 0800 783 8866]
 |
| **7. COMMUNICATIONS WITH THE CUSTOMER’S ENGINEERS**Customer’s engineers may be contacted as follows:[TO BE COMPLETED FROM CUSTOMER INFORMATION and should include 24hr contact details] |

An additional part to this Schedule will be required where the Site or constituent Connection Points require specific operating arrangements that are additional or in place of the General Operating Arrangements For All Sites or to explicitly confirm no site specific operating arrangements exist.

| **Operating Arrangements applicable to the entire customer site** |
| --- |
| Where Connection Points are sourced from a single tee point connection to the Company’s Distribution System the Connection Point may be subject to long-term de-energisation during abnormal network conditions and/or during periods of network maintenance.The normal operating regime will be for the Customer to operate at a power factor prescribed in the National Terms of Connection unless stated otherwise in Appendix 2 - Schedule 1. Due to conditions on the Distribution System and the Transmission System the Company *may* by instruction from the Company’s control engineer or instruction from the Company’s autonomous control systems require the Customer where it operates Generating Equipment to operate such Generating Equipment within the range of 0.95 leading and 0.95 lagging as instructed by the Company’s Control Centre. If the Customer cannot operate its Generating Equipment at the required power factor the Customer may be instructed to reduce or disconnect their Generating Equipment from the Distribution System. |

| **Operating Arrangements applicable to specific CONNECTION points** |
| --- |
| **CONNECTION POINT NAME** | name of CONNECTION point(repeat for premise with multiple Connection Points) |
| Operating Arrangements | None |

|  |
| --- |
| **time of day, week, month or year use of import capacity or export capacity** |
| The Maximum Import Capacity and/or Maximum Export Capacity shall be subject to the following restrictions:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Maximum Import (kVA) |  | Maximum Export (kVA) |
|  | Winter | Summer |  | Winter | Summer |
| UK Clock Time | Working Day | Non- Working Day | Working Day | Non-Working Day |  | Working Day | Non-Working Day | Working Day | Non-Working Day |
| 0000-0030 |  |  |  |  |  |  |  |  |  |
| 0030-0100 |  |  |  |  |  |  |  |  |  |
| 0100-0130 |  |  |  |  |  |  |  |  |  |
| 0130-0200 |  |  |  |  |  |  |  |  |  |
| 0200-0230 |  |  |  |  |  |  |  |  |  |
| 0230-0300 |  |  |  |  |  |  |  |  |  |
| 0300-0330 |  |  |  |  |  |  |  |  |  |
| 0330-0400 |  |  |  |  |  |  |  |  |  |
| 0400-0430 |  |  |  |  |  |  |  |  |  |
| 0430-0500 |  |  |  |  |  |  |  |  |  |
| 0500-0530 |  |  |  |  |  |  |  |  |  |
| 0530-0600 |  |  |  |  |  |  |  |  |  |
| 0600-0630 |  |  |  |  |  |  |  |  |  |
| 0630-0700 |  |  |  |  |  |  |  |  |  |
| 0700-0730 |  |  |  |  |  |  |  |  |  |
| 0730-0800 |  |  |  |  |  |  |  |  |  |
| 0800-0830 |  |  |  |  |  |  |  |  |  |
| 0830-0900 |  |  |  |  |  |  |  |  |  |
| 0900-0930 |  |  |  |  |  |  |  |  |  |
| 0930-1000 |  |  |  |  |  |  |  |  |  |
| 1000-1030 |  |  |  |  |  |  |  |  |  |
| 1030-1100 |  |  |  |  |  |  |  |  |  |
| 1100-1030 |  |  |  |  |  |  |  |  |  |
| 1130-1200 |  |  |  |  |  |  |  |  |  |
| 1200-1230 |  |  |  |  |  |  |  |  |  |
| 1230-1300 |  |  |  |  |  |  |  |  |  |
| 1300-1330 |  |  |  |  |  |  |  |  |  |
| 1330-1400 |  |  |  |  |  |  |  |  |  |
| 1400-1430 |  |  |  |  |  |  |  |  |  |
| 1430-1500 |  |  |  |  |  |  |  |  |  |
| 1500-1530 |  |  |  |  |  |  |  |  |  |
| 1530-1600 |  |  |  |  |  |  |  |  |  |
| 1600-1630 |  |  |  |  |  |  |  |  |  |
| 1630-1700 |  |  |  |  |  |  |  |  |  |
| 1700-1730 |  |  |  |  |  |  |  |  |  |
| 1730-1800 |  |  |  |  |  |  |  |  |  |
| 1800-1830 |  |  |  |  |  |  |  |  |  |
| 1830-1900 |  |  |  |  |  |  |  |  |  |
| 1900-1930 |  |  |  |  |  |  |  |  |  |
| 1930-2000 |  |  |  |  |  |  |  |  |  |
| 2000-2030 |  |  |  |  |  |  |  |  |  |
| 2030-2100 |  |  |  |  |  |  |  |  |  |
| 2100-2130 |  |  |  |  |  |  |  |  |  |
| 2130-2200 |  |  |  |  |  |  |  |  |  |
| 2200-2230 |  |  |  |  |  |  |  |  |  |
| 2230-2300 |  |  |  |  |  |  |  |  |  |
| 2300-2330 |  |  |  |  |  |  |  |  |  |
| 2330-2400 |  |  |  |  |  |  |  |  |  |

The above restrictions shall be subject to review between the Parties every **[4]** years whereby the parties shall review the Customer’s actual use of the Capacity against these restrictions for the purpose of ensuring efficient management of the Company’s Distribution Network.In this Schedule 4, the following expressions shall have the following meanings (unless the context otherwise requires):

|  |  |
| --- | --- |
| **Winter** | means the months of October, November, December, January, February andMarch; |
| **Summer** | means any month that is not in Winter; |
| **Working Day** | means any day other than a Saturday, a Sunday, Christmas Day, Good Friday or a day which is a bank holiday within the meaning of the Banking and Financial Dealings Act 1971; |
| **Non-Working Day** | means any day that is not a Working Day |
|  |  |

 |

# Schedule 5 - Site Specific Technical Conditions

| **General technical conditions** |
| --- |
| The Customer must inform the Company in writing of any intended or actual material changes to the magnitude or timing of the consumption of electricity (i.e. load) covered by this Agreement.The Customer must inform the Company in writing of any connection of low voltage Generating Equipment up to 16 Ampere per phase in advance or up to 28 days following the date of installation.The Customer must obtain prior consent in writing from the Company for any connection to the Customer’s Installation of Generating Equipment at EHV, HV or at Low Voltage where the rating exceeds 16 Ampere per phase or where connection of multiple Low Voltage Generating Equipment units up to 16 Ampere per phase is planned.Where the Customer intends to change in any way Generating Equipment or equipment controlling Generating Equipment that is connected to the Customer’s Installation, for the avoidance of doubt including *inter alia* any replacements, substitutions, alterations, additions, removals, enhancements or reductions, and such intended changes may alter the characteristics of or the type of or the form of or the means of control of the Customer’s Generating Equipment or the profile or timing of the production of electricity by its Generating Equipment or the profile or timing of export of electricity to the Distribution System, then the Customer shall submit an Application for a Modification to the Company in accordance with this Agreement and the Customer shall not change its Generating Equipment and/or equipment controlling its Generating Equipment in any way without prior written agreement from the Company to a Modification and without first entering into a variation of this Agreement to agree the required changes. |

| **technical conditions applicable to the entire customer site** |
| --- |
| **Generation Export and Operation Regime**Subject as set out above under **time of day, week, month or year use of import capacity or export capacity** and unless otherwise specified in this Agreement the Customer’s Generating Equipment on this site is permitted to operate and permitted to export up to the Maximum Export Capacity stated in Appendix 1 at any time of day on any day, subject to directions and instructions as may be given by the Company’s Control Centre from time to time. Where time of day, week, month or year or operational or technical restrictions apply these shall be expressly stated in Schedule 4 “OPERATING ARRANGEMENTS APPLICABLE TO SPECIFIC CONNECTION POINTS” or Schedule 5 “TECHNICAL CONDITIONS APPLICABLE TO SPECIFIC CONNECTION POINTS”.**Fault levels**The Customer’s;1. calculated maximum 3-phase fault level contribution at the point of connection without the Distribution System is **[FAULT LEVEL]** kA Sub-transient and **[FAULT LEVEL]** kA Transient, and
2. calculated maximum 1 phase fault level contribution at the point of connection without the Distribution System is **[FAULT LEVEL]** kA Sub-transient and **[FAULT LEVEL]** kA Transient, and

the Company’s connections have been designed on the basis of this data which has not been checked by the Company.The Distribution System is;1. designed for a 3 phase symmetrical fault level of **[FAULT LEVEL]** kA, and
2. designed for a 1 phase to ground fault level of **[FAULT LEVEL]** kA, and

the Customer’s Plant should be designed to take account of the fault level rising to that level.**Synchronisation**The Customer must communicate with the Company’s Operations Centre in respect of any operation or event, as follows:- 1. In accordance with the requirements set out in the Distribution Code DOC7:2. Prior to first synchronisation of the first generating set following:a) the conclusion of this Connection Agreement;b) an unplanned outage of all of the generating sets; orc) any planned outage of all of the generating sets of more than one day.3. Unless specified otherwise in this Agreement, before reconnection of disconnected Generating Equipment following loss of the incoming supply or operation of transient protection, except in the following circumstances:-(i) when the loss of incoming mains supply is for a period of less than 3 minutes, i.e. a transient interruption of supply; or(ii) when some or all of the generating sets have tripped due to transient protection operation due to a fault on the Customer’s network and the incoming supply has remained available.These terms are without precedent and represent a temporary relaxation of the full requirements of DOC7 only in so far as the Company has power to grant such relaxation, and only for so long as the Company considers it reasonable to do so in all the circumstances. The Company reserves the right, without notice, to withdraw this relaxation at any time in the future and thereafter insist on compliance with the full requirements of DOC7.Synchronisation of the customers Generating Equipment should be in accordance with the requirements of P28 as defined in the customers P28 assessment and as directed by the Company.**Protection Settings**As a minimum the Customer shall apply the Generating Equipment protection requirements set out in the Distribution Code or Engineering Recommendation G59/3 and/or its successor documents.The exact test and protection settings will be notified to the Parties in writing at a future date to be agreed.The protection tests should include the testing of vector shift relays response to the change of voltage vector by secondary injection or to rate of change of frequency relays response to the change of frequency by secondary injection as is relevant to the nature of the Customer Installation and Generating Equipment connected to it.**Earthing System Impedance**The Customer should endeavour to ensure that the rise of earth potential at the site under earth fault conditions remains below 430volts. If this is not achievable the Customer must comply with the conditions Imposed by BT for “hot” sites.**Operational Constraint**The Company reserves the right to reduce the Maximum Export Capacity due to unavailability of circuits elsewhere on the Distribution System and Transmission System.Following notification by the Company’s control engineer or by the Company’s autonomous control systems of a reduction in the Maximum Export Capacity, the Customer shall not exceed that reduced output until permission has been received from the Company’s Operations Centre to resume normal output. Failure to comply with the Company’s notification may result in immediate disconnection of supply in order to protect the Distribution and Transmission Networks. The Company excludes liability for any constraint of output of the Customer’s export of electricity to the Company’s Distribution System arising from a failure of the Customer to comply with the instructions of the Company’s Operations Centre. |

An additional part to this Schedule will be required for each Connection Point to be supplied where specific technical conditions apply to specific Connection Points.

| **TECHNICAL CONDITIONS applicable to specific CONNECTION points** |
| --- |
| **CONNECTION POINT NAME** | name of CONNECTION point(repeat for premise with multiple Connection Points) |
| Technical Conditions | None |

Schedule 6 - site geographic planS

Plans sufficient to detail all Connection Points included within this Agreement shall be appended to this Schedule.

|  |
| --- |
|  |
| COPYRIGHT NOTICE Reproduced by permission of Ordnance Survey on behalf of HMSO © Crown copyright and database right 2010. All rights reserved. Ordnance Survey Licence numbers 100019626 and 100019826 and 100019450. Data has been added to the Ordnance Survey base map; all proprietary rights in such additional data are and shall remain the exclusive property of © Eastern Power Networks plc and London Power Networks plc and South Eastern Power Networks plc each being a distribution licensee under section 6(1)(c) of the Electricity Act 1989 for the relevant distribution services area as that term is defined in such licensee’s distribution licence. All rights in such data reserved. |

Schedule 7 - SITE operational diagrams

Diagrams sufficient to detail all Connection Points included within this Agreement and their connection arrangements shall be appended to this Schedule.

[SITE OPERATIONAL DIAGRAM TO GO HERE IF APPLICABLE]

SCHEDULE 8 - The CUSTOMER’s Generating Equipment

The Customer’s Generating Equipment consists of:

* Connection control and protection equipment
(including protection compliant with the Distribution Code and/or Engineering Recommendation G59/3 and/or its successor documents).
* [DETAILED INVENTORY OF GENERATING EQUIPMENT TO GO HERE IF APPLICABLE]

SCHEDULE 9 - TECHNICAL DEROGATIONS

|  |  |
| --- | --- |
| **NAME OF CUSTOMER’S SITE** | name of customer site |
| No technical derogations apply. |

An additional part to this Schedule will be required for each Connection Point specific derogation that is applicable.

|  |  |
| --- | --- |
| **NAME OF SUBSIDIARYCONNECTION POINT** | name of CONNECTION point(repeat for premise with multiple Connection Points) |
| No technical derogations apply. |

SCHEDULE 10 -
Generating Equipment CONNECTED TO THE Customer’s installation

The Customer shall notify the Company of Generating Equipment capability connected on the Customer’s Installation. Details to be provided are:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date of Installation**being the later ofDate of Commissioningor Date of Notification | **GeneratingEquipmentType** | **Nature of Generating Equipment connection**Long-term parallel /Infrequent short-term parallel /Switched alternative-only | **Generating EquipmentCapacity** | **Generating EquipmentFault Level Contribution**(kA) Alternating Current contribution at the Connection Point |
| (kW)Alternating Current Root Mean Squared magnitude of power output into the Alternating Current part of the Customer’s Installation) | Ik”sub-transient | Ik’transient |
| 1phase | 3phase | 1phase | 3phase |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

SCHEDULE 11 -
EXCLUSION AND LIMITATIONS OF LIABILITY FOR DISTRIBUTED GENERATION UNAVAILABILITY PAYMENT

Notwithstanding the provisions of Schedule 10 of this **Appendix 2** the Company shall not make any DGNU Payment for Generating Equipment connected at Low Voltage to the Company’s Distribution Network.

**SCHEDULE 12 -
PROPERTY DOCUMENTS**

THIS SCHEDULE IS INTENTIONALLY BLANK UNLESS OTHERWISE POPULATED