

CONNECTION CONTRACT No.

Elering AS (hereinafter referred to as Transmission System Operator), registry code 11022625, seat Kadaka tee 42, 12915 Tallinn, represented on the basis of the articles of association by the chairman of the management board and member of the management board,

and

..... (hereinafter referred to as Client), registry code, registered office at represented by member of the management board,

have entered into (hereinafter the Transmission System Operator and the Client separately and jointly also referred to as Party and Parties, respectively) this connection contract (hereinafter referred to as the Connection Contract) in the following:

1. Subject of the Connection Contract and general provisions

- 1.1 By entering into the Connection Contract, the Parties have agreed that the Transmission System Operator shall design and build a substation specified in section 2.1 of Appendix 1 (hereinafter referred to as the Substation), electrical installations on the Transmission System side of the connection points listed in section 2.3 of Appendix 1 (hereinafter also referred to as the Connection Point) in accordance with the Connection Contract and the Client's connection application and shall connect these to the Client's compliant electrical installation at the Connection Point with the aim of ensuring grid connection for the Client. The connection applications submitted by the Client and listed in section 3.1 of Appendix 1 shall be integral parts of the Connection Contract.
- 1.2 In the case of a generation-oriented connection, the Client shall start generating electricity with a production device specified in the connection application within the period provided for in the Electricity Market Act.
- 1.3 If the Client wishes to put the Connection Point into use before both Parties have fully performed the Connection Contract, the Client shall be obligated to enter into an agreement with the Transmission System Operator for the temporary use of the grid connection after the Connection Point established by the Transmission System Operator has been completed, to which the document "Elering AS standard terms and conditions of the electricity network contract" (hereinafter: Standard Terms and Conditions of the Network Agreement) applies.

/Where necessary, if the Client wishes to enter into a fixed-term network contract instead of a network contract without a term after entering into a Connection Contract./

- 1.3.1 *At the Client's request, the Transmission System Operator shall provide the Client with grid connection with a validity of up to 25 years based on a fixed-term network contract. The term is calculated from the completion of the electrical installation established by the Transmission System Operator or the time specified in section 2.1.3 of Appendix 1, depending on which occurs later. The Parties shall enter into a respective fixed-term network contract.*
- 1.3.2 *At the Client's request, it is possible to extend the period of validity of the network contract by written agreement, provided that the Client pays the costs of all renovation work on the Transmission System Operator's electrical installations required for the use of the grid connection at the Client's Connection Point if such costs arise as a result of the extension of the term of grid connection.*
- 1.4 The Connection Contract sets out the terms and conditions for connecting the Client's electrical installation to the Transmission System, including:
- 1.4.1 the rights, obligations and liability of the Client and the Transmission System Operator arising from the connection;
- 1.4.2 the principles of calculation and the procedure for payment of the costs related to the connection;
- 1.4.3 the ownership of the electrical installations of the Client and the Transmission System Operator, and the location of the connection and metering point;
- 1.4.4 the deadline for the performance of the Connection Contract;
- 1.4.5 terms and conditions of amendment and termination of the connection contract;
- 1.4.6 the terms and conditions for ensuring and certifying the compliance of the Client's electrical installation;
- 1.4.7 other terms and conditions necessary for the performance of the Connection Contract.
- 1.5 When performing the Connection Contract, the Parties shall, in addition to the Connection Contract, comply with the following documents: „Elering AS Standard Terms and Conditions for Connecting to the Electricity Transmission System” (hereinafter: Connection Terms), “Elering AS Methodology for Calculating the Connection Charge and the Fee for Amending the Consumption and Generation Conditions” (hereinafter: Methodology), the Standard Terms and Conditions of a Network Contract, and Transmission System Operator's connection charge price list which form an integral part of the Connection Contract. By signing the Connection Contract, the Client confirms that they have reviewed the documents referred to and the content thereof is understandable to the Client.
- 1.6 The description of the Client's production device to be connected and the electrical installations to be designed and built as well as the technical specifications of the grid connection are provided in Appendix 1 to the Connection Contract.

- 1.7 The calculation of the connection charge is provided in Appendix 2 to the Connection Contract, and the payment schedule for the connection charge is provided in Appendix 3 to the Connection Contract.
- 1.8 The electrical parameters of the Connection Point are provided in Appendix 4.
- 1.9 The Connection Terms are provided in Appendix 5.
- 1.10 The list of generating units to be connected and already connected to the electricity system of a Transmission System supplying the point of consumption is provided in Appendix 6.
- 1.11 Meetings between the parties related to the performance of the connection contract shall be recorded in minutes and signed by the parties by mutual agreement, and these minutes shall be used for the interpretation of the connection contract.
- 1.12 The Transmission System Operator shall ensure to the Client the performance of the Connection Contract under the terms and conditions and within the term provided for in section 3.5 of Appendix 1. The term shall be extended by the period during which the Transmission System Operator has rightfully refused to perform its obligations or suspended the performance of the Connection Contract as well as in other cases provided for in the Connection Contract and legislation.
- 1.13 The Transmission System Operator shall ensure a temporary grid connection to the Client for the commissioning of the electrical installation and for the performance of the tests necessary for verifying conformity in accordance with the Connection Terms.
- 1.14 The conformity of the electrical installation shall be verified in accordance with the provisions of the Connection Terms, and for the purpose of performing tests the Client and the Transmission System Operator shall enter into an agreement on the temporary use of the grid connection as an appendix to the Connection Contract, during the period of validity of which the Client shall have the right to perform tests that cannot be performed without a grid connection. Conformity in matters not governed by the Connection Terms shall be verified in accordance with the instructions established by the Transmission System Operator.
- 1.15 The Transmission System Operator shall order all the works or services necessary for the performance of the Connection Contract through a procurement procedure, provided that such an obligation arises from the law. Procurement is understood to mean compliance with the rules of procurement procedures mandatory for the Transmission System Operator arising from the Public Procurement Act (public procurements and simple procurements). In the Connection Contract, procurement is also understood to mean all other orders and purchases of works or services in the case of which the Transmission System Operator is not obligated to comply with the Public Procurement Act. The Transmission System Operator shall decide the number of procurements necessary to perform connection contracts and the distribution of the subject-matter of the procurement.

2. Rights and Obligations of the Parties

- 2.1 The obligations of the Transmission System Operator necessary for the performance of the Connection Contract be implemented in the stages agreed in section 3.4 of Appendix 1.
- 2.2 Where necessary, the Transmission System Operator shall announce procurements for the design and construction works necessary for the performance of the Connection Contract in accordance with the terms and conditions agreed in section 3.4.4 of Appendix 1. The Transmission System Operator shall have the right, in order to perform the Connection Contract, to use procurement contracts awarded as a result of the Transmission System Operator's procurement procedure carried out before the entry into the Connection Contract.
- 2.3 The Client shall have the right to request from the Transmission System Operator the execution of design works related to the cost-based component of the connection charge, which do not require a public procurement procedure, before the payment of the first instalment specified in the connection contract, paying the Transmission System Operator for the expenses incurred for such design works in accordance with clause 3.7 of the connection contract.
- 2.4 The Transmission System Operator shall notify the Client in writing within ten (10) days of the results of the procurement carried out for the execution of design and construction works or provision of services related to the cost-based component of the connection charge necessary for the performance of the connection contract. In the event that the procurement for the execution of design and construction works or the provision of services related to the cost-based component of the connection charge necessary for the performance of the connection contract was carried out before the conclusion of the connection contract, the Transmission System Operator shall notify the Client in writing of the results of the previously conducted procurements after the connection contract has been concluded, except for declarations of intent, including approvals, submitted by the Client during the validity of the connection contract as referred to in section 3.6.1 of Appendix 1, all of which shall be deemed valid under this connection contract.
- 2.5 The Client is aware that the contracts for work concluded as a result of procurements carried out by the Transmission System Operator for the execution of design and construction works or the provision of services related to the cost-based component of the connection charge necessary for the performance of the connection contract may provide for price indexation, which may cause the costs of the procurements to change later and, accordingly, result in a change in the amount of the cost-based component of the connection charge. The Transmission System Operator shall notify the Client immediately, but no later than ten (10) business days, of any changes in the costs of the procurements and in the cost-based component of the connection charge due to price indexing.

- 2.6 The Client shall notify the Transmission System Operator no later than within twenty (20) days from the receipt of the notice specified in section 2.4 of whether or not they agree to entering into a procurement contract by the Transmission System Operator enabling the performance of this Connection Contract under the specified conditions or to the results of procurements carried out prior to the entry into the Connection Contract. If the Client fails to notify the Transmission System Operator of whether or not they agree within the aforementioned period, they shall be deemed to not have agreed. Not agreeing, including failure to notify, shall be deemed to be the Client's declaration of withdrawal from the Connection Contract, which is followed by the consequences specified in section 7.6 of the Connection Contract, unless the situation referred to in section 2.7 of the Connection Contract occurs. The Transmission System Operator is not required to obtain the Client's approval for the results of procurements (including procurements carried out before the entry into the Connection Contract), the estimated cost of which is less than EUR.
- 2.7 The client shall have the right to request, no later than twenty (20) days after the result of the procurement conducted for the performance of the cost-based component of the connection charge under the connection contract, a written notice from the Transmission System Operator regarding the conduct of a repeat procurement for the performance of the connection contract, if the successful bid resulting from the procurement exceeds the estimated cost-based component of the connection charge under the connection contract by at least 50% and the costs of executing the works are not subject to simultaneous allocation under the methodology. The Client shall have the right to request a repeat procurement pursuant to this section once per procurement carried out by the Transmission System Operator, and the term provided in section 3.5.2 of Appendix 1 to the Connection Contract shall be extended by the time it takes the Transmission System Operator to carry out the repeat procurement.
- 2.8 The Client's refusal to accept the outcome of a procurement related to the cost-based component of the connection charge, which concerns either the increase of transmission network capacity due to capacity requirements or the reduction of the deadline for eliminating faulty power outages, shall not be considered as a notice of withdrawal from the connection contract. In such a case, if the Client does not agree with the procurement related to the cost-based component of the connection charge, the Client is obliged to conclude a connection contract amendment agreement with the Transmission System Operator to reduce the generation and/or consumption capacity to a level that prevents overloads in the transmission network or to adjust the supply security parameters.

- 2.9 In the event of the failure of any procurement organized by the Transmission System Operator for the purpose of fulfilling the connection contract (including non-receipt of tenders), due to circumstances beyond the control of the Transmission System Operator, the deadline for fulfilling the connection contract shall be extended by the period required to conduct a repeat procurement. In the event that the repeat procurement fails, Parties to the Connection Contract shall be obligated to negotiate to extend the deadline for the performance of the Connection Contract.
- 2.10 The deadline for announcing the procurement of design and construction works necessary for the execution of works agreed in Annex 1, points 3.4.4 and 3.5.2 of the connection contract, as well as the deadline for fulfilling the connection contract, shall be extended by the period required for the Transmission System Operator to implement a technical solution change caused by the Client.
- 2.11 If the Client gives notice of agreement to the entry into a procurement contract or the implementation of a procurement contract entered into previously in accordance with section 2.6, the Transmission System Operator shall enter into the said procurement contract or shall implement a procurement contract entered into previously and ensure shall the design and construction of electrical installations located on the side of the Transmission System from the Connection Point in accordance with the Connection Contract. In the event that any procurement related to the connection is disputed before the Public Procurement Review Committee or a court, the Transmission System Operator shall have the right to suspend the execution of the connection contract for the period from the initiation of the dispute until a final and binding decision on the dispute is rendered. The Transmission System Operator and the Client shall cooperate to ensure compliance with the deadlines specified in section 3.5 of Appendix 1 to the Connection Contract despite the suspension of the performance of the Connection Contract.
- 2.12 In the event that, upon concluding a procurement contract, the Transmission System Operator determines that the deadline for constructing the network connection specified in the connection contract, which is related to the cost-based component of the connection charge, is significantly shorter, the parties shall, where possible, negotiate and agree on a shorter network connection construction deadline.
- 2.13 At the Client's request, the procurement conditions may include a construction deadline for the cost-based component of the connection charge, which may be shorter than the deadlines specified in section 3.5 of Appendix 1 to the connection contract. In such a case, the cost of the cost-based component of the connection charge may increase significantly.

- 2.14 The Client has the right, after the execution of the Connection Contract, to receive information from the Transmission System Operator regarding the procurements carried out for the fulfillment of the connection contract, as well as to request from the Transmission System Operator explanations and evidence concerning the expenses incurred for the fulfillment of the connection contract and covered by the cost-based component of the connection charge paid by the Client.
- 2.15 The Transmission System Operator shall notify the Client in writing about the completion of work arising from the Connection Contract necessary for the use of the grid connection and all generation and/or consumption-oriented connection capacity.
- 2.16 During the performance of the Connection Contract or in the event of premature expiry of the Connection Contract, the Transmission System Operator can initially only provide the Client with information on the unavoidable expenses incurred under contracts for services entered into for the performance of the Connection Contract which the Transmission System Operator has managed to obtain at that time from contractors performing the contracts for services under such contracts. The Client is aware that the actual amount of the cost-based component of the connection charge, and consequently the amount of the expenses incurred for the fulfillment of the connection contract, may only be determined after the termination of the connection contract in the event of its premature expiration.
- 2.17 The Client shall be obligated to cooperate with the Transmission System Operator in obtaining the permits and establishing the servitudes necessary for the construction of the electrical installations specified in Appendix 1 to the Connection Contract and for the establishment of a line. The Client shall also be obligated to ensure, at their own expense, the removal of any objects or circumstances that impede or may impede the establishment of a Connection Point from the area in the Client's territory which is necessary for the establishment of said electrical installations before commencement of the construction work. Where no agreement is reached with the landowner for the erection of electrical installations or where other permits or consents necessary for the performance of the Connection Contract are not obtained (including obstacles due to planning) or if there are any other circumstances preventing the construction of electrical installations specified in Appendix no. 1 due to the Client's actions or omissions, the Transmission System Operator has the right to suspend the performance of the Connection Contract until agreements are reached, permits or consents are obtained, or the obstacle has ceased to exist. The Transmission System Operator shall initiate proceedings for the establishment of compulsory possession or shall appeal to court only with the Client's consent and approval. The costs related to reaching agreements are included in the connection charge.

- 2.18 The Transmission System Operator shall be obligated to immediately notify the Client of any circumstances which impede or may impede proper performance of the Transmission System Operator's obligations arising from the Connection Contract or circumstances which cause the suspension of the performance of the Connection Contract.
- 2.19 The Client shall be obligated to:
- 2.19.1 ensure the timely conformity of their electrical installation in accordance with the prerequisites and conditions set out in the connection application;
- 2.19.2 ensure that the Transmission System Operator has the opportunity to install electrical installations and metering systems necessary for the Client's power supply, which remain the property of the Transmission System Operator, in the Client's territory and buildings;
- 2.19.3 ensure access to the electrical installations and metering systems specified in clause 2.19.2 for their maintenance and repair;
- 2.19.4 not charge a fee for the location of the Transmission System Operator's electrical installations and metering systems on the Client's territory or buildings or for the use of the Client's territory or premises for their maintenance and use, unless otherwise provided for by legislation;
- 2.19.5 ensure the activities specified in sections 2.19.2 and 2.19.3, the Parties shall, where necessary, hold negotiations for the establishment of free-of-charge servitudes;
- 2.19.6 in the case of generation-oriented Connection Contract, put the generating capacity under the Connection Contract into use by the deadline agreed upon in the Connection Contract or provided for in legislation;
- 2.19.7 where the deadline for putting generating capacity under the Connection Contract into use is exceeded, pay to the Transmission System Operator a fee for the unused generation-oriented grid connection capacity at the rate and in accordance with the procedure provided for in the Electricity Market Act.

3. Calculation and payments of the connection charge

- 3.1 Upon performance of the Connection Contract, the Client shall pay the connection charge in accordance with the Transmission System Operator's price list, including the cost-based component of the connection charge, if provided for in Appendix 2 to the Connection Contract. The price list is published on the Transmission System Operator's website. The schedule and deadlines for payment of the connection charge shall be determined in accordance with "The Grid Code on the Functioning of the Electricity System" and the Connection Terms. The exact amount of the connection charge is agreed upon in Appendix 2 to the Connection Contract.

- 3.2 The Client shall be obligated to pay the connection charge to the Transmission System Operator by the payment term indicated in the invoices for the connection charge. Upon paying the invoice, the Client shall be obligated to include the reference number indicated in the invoice. The Transmission System Operator shall grant the Client a term of at least fourteen (14) days for payment of invoices. All payments shall be subject to value added tax in accordance with legislation.
- 3.3 If the Client pays the Transmission System Operator the connection charge for the cost-based component of the connection, this fee shall cover all actual and justified expenses incurred for that purpose. The cost-based component of the connection charge includes any additional costs arising from changes to the construction schedule caused by the Client's actions or inactions. The estimated expected amount of the cost-based component of the connection charge is set out in the calculation provided in Appendix 2 to the Connection Contract. Upon signing the Connection Contract, the Parties have agreed that the amount and cost items of the cost-based component of the connection charge constitute only a forecast, based on the Transmission System Operator's best available knowledge and practice, and that the actual exact amount of the cost-based component will be determined during the execution of the connection contract, which may include cost items not listed in Appendix 2. The Parties undertake to immediately notify each other of any circumstances that may affect the forecasted amount of the cost-based component of the connection charge.
- 3.4 The Client shall pay the connection charge based on the tariff and the cost-based component of the connection charge in accordance with the payment schedules agreed in Appendix 3 to the Connection Contract, taking into account the exception set out in clause 3.7. The Parties have agreed that the payment schedule underlying the payment of the cost-based component of the connection charge has been prepared and shall be amended immediately if necessary, based on the principle that all reasonable and justified expenses incurred by the Transmission System Operator for the Client's connection shall be paid by the Client to the Transmission System Operator in advance in installments corresponding to the works carried out by the Transmission System Operator and in accordance with the payment schedule agreed between the Parties (excluding the final installment under the payment schedule for the cost-based component of the connection charge).

- 3.5 In the event that the cost of the procurement contract exceeds the sum of the first and second installments of the connection charge related to the cost-based component of the connection charge as agreed in the Connection Contract, the Client shall, at the request of the Transmission System Operator, conclude a written agreement amending the cost-based component forecast calculation set out in Appendix 2 to the Connection Contract and/or the payment schedule set out in Annex 3 to the connection contract, in accordance with the provisions of clauses 3.4 – 3.6 of the Connection Contract. Such an amendment agreement to the Connection Contract shall be concluded at the earliest opportunity, but no later than 30 days prior to the expiry of the validity of the procurement offer. If the Client fails to conclude the amendment agreement, such non-acceptance, including failure to notify, shall be deemed a declaration by the Client of withdrawal from the Connection Contract, with the consequences set out in section 7.6 of the Connection Contract.
- 3.6 The Transmission System Operator shall have the right to require the Client to reimburse, under the cost-based component of the connection charge stipulated in the Connection Contract, the actual, reasonable, and justified expenses incurred for the preparation of the procurement(s) related to the connection and for carrying out the connection, prior to the due date for payment of the cost-based component of the connection charge, if the Transmission System Operator, at the Client's request and within the scope agreed with the Client, commences the works necessary for the performance of the Connection Contract before receipt of the first installment of the cost-based component of the connection charge. Such reimbursement of expenses shall be made once per month within ten (10) days after the Transmission System Operator submits to the Client a report on the works performed in the preceding month and their cost. Amounts paid by the Client pursuant to this clause shall be taken into account when calculating the final installment of the cost-based component of the connection charge payable under the Connection Contract.
- 3.7 If, upon completion of the works carried out under the cost-based component of the connection charge, it is determined that the Client has paid the Transmission System Operator a higher amount of the connection charge based on the forecasts of the cost-based component than the actual expenses incurred for the performance of the connection contract, the Transmission System Operator shall refund the overpaid amounts to the Client within thirty (30) days from the date of signing the final acceptance certificate for the works carried out under the connection charge.
- 3.8 If the Client fails to pay the connection charge to the Transmission System Operator by the due date, the Client shall be obligated to pay to the Transmission System Operator a penalty for late payment in the amount of 0.05% (zero point zero five per cent) of the outstanding payment per day until the receipt of the full payment on the bank account of the Transmission System Operator.

- 3.9 If the Transmission System Operator delays with the payment of the amount specified in section 3.8, the Transmission System Operator shall be obligated to pay to the Client a penalty for late payment in the amount of 0.05% (zero point zero five per cent) of the outstanding payment until the receipt of the full payment on the bank account of the Client.
- 3.10 If the Client makes payments of the instalments of the cost-based component of the connection charge under the Connection Contract, the payments shall be applied first to the first instalment of the cost-based component, then to the second instalment, and thereafter to the third instalment. This order of payment shall apply regardless of the Client's unilateral will.

4. Ownership of electrical installations

- 4.1 The Parties have agreed that the boundary of ownership of the electrical installations between the Client and the Transmission System Operator is determined by the respective Connection Point in accordance with Appendix 1 to the Connection Contract.
- 4.2 A description of the location of the electrical installations owned by the Transmission System Operator and the Client is provided in Appendix 1 to the Connection Contract. By signing the Connection Contract, the Client confirms that they are aware that the description of the location of the Connection Point is approximate and may change insignificantly due to engineering-technical reasons in the course of establishment of the Connection Point. In the case of such changes, the Parties shall be obligated to sign a new Appendix 1 to the Connection Contract within ten (10) working days after the Transmission System Operator has submitted it to the Client.
- 4.3 Both Parties shall be obligated to ensure the preservation, upkeep and compliance of the electrical installations in their ownership or possession with the applicable legislation and the connection contracts entered into between the Parties, unless the Parties have agreed otherwise.

5. Performance of the Connection Contract and liability

- 5.1 The Transmission System Operator has the right to suspend the performance of the Connection Contract and their obligations if the Client significantly breaches the obligations arising from the Connection Contract or legislation (including if the Client has failed to ensure the compliance of its electrical installation or fulfil other prerequisites set out in the connection application), including in a situation where the Client has failed to ensure that the Transmission System Operator has sufficient readiness of the Client's electrical installation necessary for the performance of the Connection Contract in accordance with the construction schedule communicated by the Transmission System Operator, or if the right to suspend the performance of obligations arises from other provisions of the Connection Contract. The Transmission System Operator shall submit a notice of suspension of the Connection Contract in writing and the Connection Contract shall be suspended from the submission of the notice. Where possible, the Transmission System Operator shall notify the Client of the suspension of the Connection Contract at least seven (7) days in advance, and the Connection Contract shall be suspended if the Client has not eliminated the circumstances that cause the suspension of the Connection Contract within the aforementioned period. In the case of suspension of the performance of the Connection Contract, the Client shall compensate the Transmission System Operator for the expenses already incurred as well as for any additional justified expenses related to suspension and resumption of the performance of the Connection Contract. In the case of suspension of the performance of the Connection Contract, the date of completion of the grid connection shall be extended by the period during which performance of the Connection Contract was suspended. During the suspension, the Transmission System Operator has the right to continue the performance of the Connection Contract to the extent not affected by the impeding circumstance. Upon the cessation of the grounds for suspension, the Transmission System Operator shall continue the performance of the Connection Contract, notifying the Client thereof.
- 5.2 A Party shall not be liable for the failure to perform and/or improper performance of its obligations arising from the Connection Contract or legislation (breach of obligations) and shall therefore not be obligated, among other things, to compensate the other Party for damage caused by the breach of obligations and the other Party shall not have the right to rely on the breach of obligations in any other way in exercising its rights, provided that the breach of obligations is excusable and the Party in breach of the obligation could not have been reasonably expected to have foreseen or taken thereof into account at the time of entry into the Connection Contract or avoided or overcome the consequences thereof, including:
- 5.2.1 natural disasters;
 - 5.2.2 thunderstorms, wind, frost, and other natural phenomena exceeding the design standards for electrical installations;
 - 5.2.3 fires;

- 5.2.4 strike, act of sabotage, or unrest;
- 5.2.5 declaration of an emergency situation or a state of war.
- 5.3 If the circumstance, event, activity or omission referred to in section 5.2 is only temporary, the Party shall not be liable for the breach of obligations only for the period during which that circumstance, event, activity or omission affected the performance of obligations.
- 5.4 The Parties shall be obligated to notify each other of the occurrence of the circumstances specified in section 5.2 as well as of the impact and extent thereof with regard to the Party's ability to perform its obligations and of the cessation of said circumstances at the earliest opportunity. In the event of a breach of this obligation, the Party that materially breaches an obligation shall lose its right to rely on the impeding circumstances from the occurrence or cessation of the circumstances until performance of the respective notification obligation.
- 5.5 The occurrence of the circumstance, event, activity or omission specified in section 5.2 shall not release the Parties from the obligation to take any and all possible measures to prevent or alleviate the damage and other adverse effects caused by the breach of obligations.
- 5.6 The Client shall immediately notify the Transmission System Operator of any unsafe situations or accidents or other circumstances which threaten or may threaten the performance of obligations assumed under the Connection Contract.

6. Compensation for Damage

- 6.1 The Parties shall be obligated to compensate for damage caused to the other Party during the performance of the ma Connection Contract or otherwise in connection with the Connection Contract only and solely in the cases, to the extent and under the terms and conditions established in this chapter, unless provided otherwise by legislation. Limitations of liability do not apply in the case of intentional damage.
- 6.2 The Party in breach of an obligation shall only compensate for direct material damage caused to the other Party's electrical installations or other items in the ownership or possession of the Party by a breach of obligation. The legal remedy provided for in section 6.3 of the Connection Contract is not in contravention of this section.
- 6.3 In the event that the Transmission System Operator is late in the performance of their obligations by the deadline of the Connection Contract, the Transmission System Operator shall pay to the Client a contractual penalty of 0.05% (zero point zero five per cent) of the amount of the connection charge or the fee for amending the conditions in proportion to the connection capacity that the Client is unable to use for each day of delaying with the performance of the obligation, which shall be paid to the Client's bank account or offset against the connection charge due. The Transmission System Operator shall not be obliged to pay a contractual penalty in the event that the obligation has been breached due to force majeure.

- 6.4 The Parties have the right to require each other to submit evidence and other documents and information necessary to establish the existence and amount of the damages to be compensated and the existence of the grounds for compensation for damages.
- 6.5 The Client has the right to require the Transmission System Operator to compensate for damage that has occurred due to the exercise of the rights of a system operator provided for in legislation by the Transmission System Operator on the grounds provided for in the Electricity Market Act.

7. Validity of the Connection Contract

- 7.1 The Connection Contract is digitally signed and can be amended by a written agreement of the Parties.
- 7.2 The Connection Contract expires:
- 7.2.1 upon the proper performance of the obligations of the Parties provided for in the Connection Contract;
- 7.2.2 by written agreement of the Parties;
- 7.2.3 upon withdrawal from the Connection Contract in cases provided for by the legislation or the Connection Contract at the request of one of the Parties.
- 7.3 The Transmission System Operator has the right to withdraw from the Connection Contract by notifying the Client thereof in writing fourteen (14) days in advance and provided that the Client has not eliminated the deficiencies within the aforementioned period of fourteen (14) days if:
- 7.3.1 the Client has failed to make the payments agreed in the Connection Contract (including the connection charge) by the agreed due date; or
- 7.3.2 the Client materially breaches other obligations provided for in the Connection Contract or legislation; or
- 7.3.3 one or more of the circumstances referred to in points 8.7.1–8.7.4 of the Connection Contract occur, and due to this or any other circumstance notified by the client pursuant to point 8.7.5, it is evident that the Client will be unable to properly fulfil the Connection Contract;
- 7.3.4 the performance of the Connection Contract has been suspended in accordance with section 5.1 and the total duration of the suspension is ninety (90) days or more, or if the Client exceeds the deadline for securing or establishing the right of use of land or right of use of an access road for the benefit of the Transmission System Operator set out in the Connection Contract by more than 90 days.
- 7.4 The Client has the right to withdraw from the Connection Contract by notifying the Transmission System Operator thereof in writing thirty (30) days in advance.

- 7.5 In the event that a Client who has entered into a generation-oriented Connection Contract fails to pay the fee specified in section 2.19.7 of the Connection Contract on time, the network operator shall not guarantee to the market participant grid connection agreed upon in a connection or network contract to the extent of generation-oriented capacity that the Client has not used. To restore the generation-oriented capacity necessary at the Connection Point, the Client shall submit a new connection application.
- 7.6 If the Connection Contract is terminated before its performance due to reasons attributable to the Client, the connection charge shall not be refunded to the Client, except as provided in the exception described in section 7.7 of the Contract.
- 7.7 If the Client decides to withdraw from the Connection Contract because the actual cost of the construction contract for the cost-based component of the connection charge, revealed during the connection process, turns out to be more than twice the originally forecasted cost-based component under the Connection Contract. In such case, the Transmission System Operator shall refund to the Client the network hardening fee, the connection creation fee, and the cost-based component of the connection charge in accordance with section 7.10 of the Contract. The Client has the right to require the Transmission System Operator to provide information and evidence regarding the existence and amount of expenses that are the basis for the deduction to be made on the basis of this section.
- 7.8 If the Transmission System Operator terminates the Connection Contract due to a reason attributable to itself, the Transmission System Operator shall refund to the Client the amounts paid by the Client as the connection charge.
- 7.9 If, upon the termination of the Connection Contract due to a reason attributable to the Client or for any other reason not related to the proper performance of the obligations set out in the Connection Contract, the Transmission System Operator has already incurred costs for the performance of the Connection Contract, including under contracts with contractors concluded for the performance of the Connection Contract, or must unavoidably incur costs in connection with the termination of the Connection Contract, including for the termination of contracts with contractors concluded for the performance of the Connection Contract, and such costs exceed the connection charge actually paid by the Client to the Transmission System Operator, the Client shall be obliged, upon the Transmission System Operator's request, to reimburse the Transmission System Operator for the amount by which such costs exceed the connection charge within thirty (30) days of receiving the respective substantiated claim.

7.10 The Transmission System Operator shall pay the amount to be refunded to the Client on the basis of section 7.7, the amount of which is not in dispute, to the Client within thirty (30) days from the expiry of the Connection Contract. In the event of delaying with refunding the specified amount or another amount payable to the Client on the basis of this Connection Contract, the Transmission System Operator shall be obligated to pay to the Client a penalty for late payment in the amount of 0.05% (zero point zero five per cent) of the outstanding payment until the receipt of the full payment on the bank account of the Client.

8. Other Agreements

8.1 As of the entry into force of this Connection Contract, any prior agreements between the Parties in respect of connection points set out in this Connection Contract, including the Connection Contract specified in section 3.6.1 of Appendix 1 shall expire. The network contract referred to in section 3.6.1 of Appendix 1 shall remain in force until an agreement necessary for the provision of network services at the connection point is concluded.

8.2 By signing the Connection Contract, the Client confirms that they have been given sufficient opportunity to familiarise themselves with the contents of the Connection Contract and that they have familiarised themselves with it and have understood the contents thereof. By signing the Connection Contract, the Client also confirms that they have submitted to the Transmission System Operator the data and documents required by Government of the Republic Regulation "Grid Code on the Functioning of the Electricity System" and that they are valid upon the entry into the Connection Contract and throughout the period of validity of the Connection Contract.

8.3 The Client is aware that a network contract is entered into with the Client, the Client's electrical installation is connected to the network and the Transmission System Operator ensures proper grid connection (establishment of grid connection) only if the Client's electrical installation meets the requirements specified in the Connection Contract, the Connection Terms and the legislation (compliant electrical installation), including if all documents required in the Connection Contract, Connection Terms and the legislation have been submitted.

- 8.4 If any provision of the Connection Contract is, in whole or in part, in contravention of the legislation and is therefore null and void or declared invalid or is not part of the Connection Contract according to the law, it shall not affect the validity of the Connection Contract as a whole, and the Parties shall be obligated to perform the Connection Contract to the extent to which it is not null and void or declared invalid or to the extent to which it is part of the Connection Contract according to the law. The Parties shall also be obligated to promptly commence with negotiations and enter into an agreement within a reasonable time to replace the ineffective provisions or provisions declared invalid with provisions that are valid and create a balance of rights and obligations for the Parties that is as similar as possible to the balance of rights and obligations that existed between the Parties under the aforementioned ineffective provisions or provisions that were declared invalid.
- 8.5 The Parties do not have the right to transfer the rights and/or obligations arising from the Connection Contract to third parties or encumber them for the benefit of third parties without the written consent of the other Party. The Transmission System Operator does, however, have the right to transfer, at any time, all the rights and/or obligations arising from the Connection Contract to a subsidiary of the Transmission System Operator into whose ownership or possession the Transmission System Operator is transferred, and by signing the Connection Contract, the Client is deemed to have granted their written consent for such transfer of rights and/or obligations and the Client is obligated to enter into respective agreements where necessary.
- 8.6 During the period of validity of the Connection Contract as well as following the expiry of the Connection Contract, the Parties shall be obligated to maintain the confidentiality of any information about the other Party that has become known to them in connection with the entry into and performance of the Connection Contract, the disclosure of which may harm the interests of the other Party or maintaining the confidentiality of which the other Party is expected to have or may have interest in. A Party may disclose the information to their advisors, who are bound by the obligation to maintain confidentiality, as well as to the court or authorities upon request.
- 8.7 The Client is obligated to notify the Transmission System Operator immediately in writing:
- 8.7.1 if a competent person or body has decided to dissolve a Client who is a legal entity, including compulsory dissolution;
 - 8.7.2 if a statement of claim has been filed against the Client in an amount exceeding twenty (20%) of the Client's equity;
 - 8.7.3 if a petition for declaring bankruptcy has been filed against the Client or a bankruptcy warning has been issued against the Client;
 - 8.7.4 if a Client who is a legal entity is being merged, divided, or transformed;

- 8.7.5 of all circumstances that affect or may affect the performance of the Client's obligations provided for in the Connection Contract.
- 8.8 A Party shall have the right to offset a payment payable to the other Party only by agreement of the Parties.
- 8.9 The Transmission System Operator shall be obligated, at the Client's request, to provide the Client with information on the performance of the Connection Contract, including completion of the grid connection, and technical data concerning the Client's connection (i.e. diagram of the Substation of the Connection Point, device specifications, and other technical indicators/diagrams/drawings related to the Client's connection).
- 8.10 In the event that the Client ensures, through the conclusion of the connection contract, the establishment of a free-of-charge and indefinite right of use in favour of the Transmission System Operator for the land under the Substation to be built in the course of the connection process, for the installation of input lines and/or towers necessary for connecting the Substation to the Transmission System, and/or for access to the Substation from a public road, or in the event that the Client organises negotiations for the acquisition of land by the Transmission System Operator, the Client shall be guided by the terms and conditions set out in the guideline "Technical Principles and Solutions for Electrical Installations of the Transmission System Operator" of the Connection Terms. For the purposes of this clause, the required land ownership or land use right must be established in favor of the Transmission System Operator no later than five (5) months after the conclusion of the Connection Contract, and the Client must construct the access road leading to the substation no later than fourteen (14) months from the conclusion of the Connection Contract. Any costs associated with concluding agreements for establishing a personal right of use or acquiring the land shall be borne by the Client as part of the connection charge.

9. Resolving Disagreements

- 9.1 The Parties shall resolve disagreements and disputes arising from the performance, amendment or termination of the Connection Contract foremost by way of negotiations.
- 9.2 Where disputes arising from the Connection Contract cannot be resolved by way of negotiations between the Parties, the dispute shall be settled at Harju County Court.

10. Declarations of Intent

- 10.1 All notices, consents, approvals and other declarations of intent related to the performance of the Connection Contract or disputes arising from the Connection Contract as well as other information (hereinafter referred to as the Declaration of Intent) of legal effect shall be submitted to the contact person of the other Party in writing. Informative notices the transmission of which to the other Party has no legal consequences may also be submitted in a format which can be reproduced in writing.

10.2 A Declaration of Intent shall be deemed to have been received once it has been transmitted in the e-environment for connection. All Declarations of Intent related to the performance of the Connection Contract that do not deviate from the terms and conditions of the Connection Contract shall be deemed to have been valid and binding on the Parties only if they are made by the persons specified in this Connection Contract or by persons directly authorised to do so by them.

11. Contact Addresses and Persons of the Parties

11.1 To resolve issues related to the performance of the Connection Contract or disputes arising from the Connection Contract, except for amending the terms and conditions of the Connection Contract, the Transmission System Operator shall appoint a person described in section 1.1.6 of Appendix 1 to the Connection Contract as their contact person, and the Client shall appoint a person described in section 1.2.6 of appendix 1 as their contact person.

11.2 A Party shall promptly notify the other Party of changes to the contact persons and contact details provided in sections 1.1 and 1.2 of Appendix 1 to the Connection Contract.

Transmission System Operator

/signed digitally/

.....

Chairman of the management board
board

/signed digitally/

.....

Member of the management board

Client

/signed digitally/

.....

Chairman of the management

/signed digitally/

.....

Member of the management board

Connection Contract No. 1.1-4/202x/xx appendix no. 1:
Description of the connection point, the electrical installations to be designed and constructed,
and the technical parameters of the grid connection, including the connection diagram.

- 1. Details of the parties:**
- 1.1. Transmission System Operator:**
- 1.1.1. Contact address:
- 1.1.2. Telephone:
- 1.1.3. E-mail:
- 1.1.4. Contact person:**
- 1.1.4.1. Name:
- 1.1.4.2. Telephone:
- 1.1.4.3. E-mail:
- 1.2. Client:**
- 1.2.1. Contact address:
- 1.2.2. Telephone:
- 1.2.3. E-mail:
- 1.2.4. Contact person:**
- 1.2.4.1. Name:
- 1.2.4.2. Telephone:
- 1.2.4.3. E-mail:

2. Details of connection point(s):

2.1. Substation of the Transmission System Operator (where the connection point is located):

2.1.1. Voltage level:

2.1.2. Address:

2.1.3. Date of completion of a fixed-term substation¹:

2.2. Consumption points at the Substation specified in section 2.1 of Appendix 1:

2.2.1. Consumption point no. 1:

2.2.1.1. consumption point no. 1 comprises the following connection points:

2.2.1.2. rated voltage(s) of consumption point no. 1: kV

2.2.1.3. maximum permitted generating capacity² at the consumption point:
..... MVA;

2.2.1.4. maximum permitted consumption capacity³ at the consumption point:
..... MVA;

2.3. Connection points:

2.3.1. Connection point No. 1:

2.3.1.1. is located in the Client's compartment of the Transmission System Operator on the terminals of kV commercial metering transformer (Client/Transmission System Operator) transformer (designation), incl. the terminals belonging to (Client/Transmission System Operator)

2.3.1.2. Rated voltage at the connection point: kV

2.3.1.3. maximum permitted generating capacity: MVA;

2.3.1.4. maximum permitted flexible consumption capacity: MVA;

2.3.1.5. The electrical parameters of the grid connection are further provided in Appendix 4.

¹Only used if the Client connects to the Transmission System Operator's fixed-term substation.

²For the purposes of this contract, maximum generating capacity means the transmission of electricity from the connection point in the direction of the Client's network.

³For the purposes of this contract, maximum consumption capacity means the transmission of electricity from the Client's network towards the connection point.

2.3.2. Connection point no. 2:

- 2.3.2.1. is located in the Client’s compartment of the Transmission System Operator on the terminals of kV commercial metering transformer (Client/Transmission System Operator) transformer (designation), incl. the terminals belonging to (Client/Transmission System Operator)
- 2.3.2.2. Rated voltage at the connection point: kV
- 2.3.2.3. **maximum permitted generating capacity:** **MVA;**
- 2.3.2.4. **maximum permitted flexible consumption capacity:** **MVA;**
- 2.3.2.5. The electrical parameters of the grid connection are further provided in Appendix 4.

2.4. Deadlines for eliminating power outages:

- 2.4.1. The deadlines for eliminating a power outage per consumption point are established in the Ministry of Economic Affairs and Communications Regulation “Quality requirements for network services and conditions for the reduction of network charges in the event that those quality requirements are violated”. The performance of the connection contract is always subject to the current version of the Regulation. At the time of the entry into the connection contract, the deadlines provided in the Regulation are as follows:
 - 2.4.1.1. Deadline for elimination of faulty power outages at the consumption point of a substation:
 - 2.4.1.1.1. MVA up to MVA 2 hours;
 - 2.4.1.1.2. over MVA up to MVA 120 hours.
 - 2.4.1.2. Permitted duration of power outages at the consumption point per year:
 - 2.4.1.2.1. outages caused by faults – up to 120 hours per year;
 - 2.4.1.2.2. planned power outages – up to 64 hours per year;
 - 2.4.1.3. The duration of a single planned power outage – up to 120 hours and the total annual duration of planned outages up to 240 hours per year.⁴
 - 2.4.1.4. The deadlines for eliminating a power outage do not apply to power outages caused by the Client’s failure to comply with electrical installation regulations.
 - 2.4.1.5. The term “power outage” is defined in the standard terms and conditions of the Transmission System Operator’s network contract.

⁴ Outage times apply if the Client’s grid connection is established by the Transmission System Operator at a substation with fixed-term run-through line protection.

- 3. Connection:**
- 3.1. Details of the connection application:**
 - 3.1.1. Date of submission of the application:
 - 3.1.2. Date of acceptance of the application:
- 3.2. Description of the final result of the connection:**
- 3.3. Description of the electrical installation to be connected:**
 - 3.3.1.;
 - 3.3.2. The Client is obligated to connect the production device described in section 3.3 of Appendix 1 to the electricity network no later than
- 3.4. Work carried out for the connection charge for the performance of the connection contract:**
 - 3.4.1. Stage 1: works to be carried out at the Transmission System Operator's Substation described in section 2.1 of Appendix 1:
 - 3.4.1.1.;
 - 3.4.2. Stage 2: Works on grid element LXXX :
 - 3.4.2.1.;
 - 3.4.3. The Transmission System Operator performs the stages set out in the connection contract as a single whole, and the performance of just one stage or several stages separately is not possible.
 - 3.4.4. Procurements for design and construction works required to carry out the works ordered under the cost-based connection charge shall be announced by the Transmission System Operator after all land use rights (including expropriations) necessary for the stage described in section 3.4 of the respective connection contract have been obtained and after the client has paid the first installment of the connection charge for that stage.
 - 3.4.4.1. no later than within months for the stage described in section 3.4.1;
 - 3.4.4.2. no later than within months for the stage described in section 3.4.2;
 - 3.4.4.3.
- 3.5. Performance of the connection contract:**
 - 3.5.1. Requirements for the performance of the connection contract for the Client:
 - 3.5.1.1. the Client has paid all the installments;
 - 3.5.1.2. the Client has properly performed other obligations arising from the connection contract and legislation;
 - 3.5.1.3. the Client has signed a network contract for the use of the grid connection at the Substation described in section 2.1 of Appendix 1, which determines the generating and consumption capacity.
 - 3.5.2. The Transmission System Operator ensures the Client with functioning grid connection in accordance with the terms and conditions set out in the connection contract no later than:

- 3.5.2.1. Completion of Stage 1: no later than months after the payment of the first-stage connection charge as specified in the payment schedule in Appendix 3, and after the Transmission System Operator has obtained the necessary land ownership and land use rights.
- 3.5.2.2. Completion of Stage 2: no later than months after the payment of the first installment of the second-stage connection charge as specified in the payment schedule in Appendix 3, and after the Transmission System Operator has obtained the necessary land ownership and land use rights.
- 3.5.2.3. Stage 3:

3.6. Additional terms and conditions of connection:

- 3.6.1. Prior agreements between the parties with regard to connection points set out in the connection contract:
 - 3.6.1.1. Connection Contract No.: 1.1-4/...../..... (signed on:), transferred to this Connection Contract; the instalment and transaction fee paid to the transmission system operator on the basis of this on shall be deemed to be the installment and transaction fee of this Connection Contract;
 - 3.6.1.2. Network Contract No.: 1.1-4/...../..... (signed on:).
- 3.6.2. The Client shall design and build their own electrical installations up to the connection point.
- 3.6.3. The Transmission System Operator's relay protection devices are not intended to serve as the main protection for the Client's equipment.
- 3.6.4. The Transmission System Operator shall provide available technical data about their installation if this is necessary for the design of the Client's electrical installation.
- 3.6.5. The client shall ensure the availability of a proper and functional protection solution for the generating unit in their network.
- 3.6.6. The client shall ensure the synchronous connection of the generating units connected to their electricity network to the Transmission System Operator's network.
- 3.6.7. When designing electrical installation installations, their protection, automation and control equipment, the Transmission System Operator's guideline "Technical requirements for the electrical installations of clients" shall be adhered to.
- 3.6.8. Before synchronisation, the Client shall prepare an electrical design documentation for their electrical installation in accordance with the guideline "Requirements for the preparation and modelling of electrical design documentation of clients" and obtain the Transmission System Operator's approval with it in accordance with the deadlines set out in chapter 4 of the Connection Terms. The electrical design documentation shall include PSS/E and PSCAD models and a co-operation simulation report between the electricity network and the generating unit, the exact scope of which shall be agreed with the Transmission System Operator.

- 3.6.9. After the generating unit has been declared compliant and before the Transmission System Operator has issued the final operational notification, the Client shall submit to the Transmission System Operator verified PSS/E and PSCAD models together with the documentation specified in the guideline “Requirements for the preparation and modelling of electrical design documentation of clients”.

3.7. Principle diagram of the Client's connection at the Substation described in section 2.1 of Appendix 1:

DIAGRAM

Calculation of the connection charge

Connection	PRICE
Transaction fee	xxx.00
Network hardening fee (for generation-side capacity)	xxx.00
Stage 1: Substation works (a connection creation fee)	xxx.00
Stage 2: Works on grid element LXXX :	xxx.00
.....
A fee for increasing supply reliability;	xxx.00
A project management fee (percentage of the cost of the stages according to the price list)	xxx.00
<i>Other costs necessary for connection (including owner's supervision, geodesy, geology, etc.)</i>	xxx.00
TOTAL CONNECTION FEE	xxx.00

Simultaneous connection *	PRICE
Transaction fee	xxx.00
Network hardening fee (for generation-side capacity)	xxx.00
Stage 1: Substation works (a connection creation fee)	xxx.00
Stage 2: Works on grid element LXXX *	xxx.00
.....
A fee for increasing supply reliability;	xxx.00
A project management fee (percentage of the cost of the stages according to the price list)	xxx.00
<i>Other costs necessary for connection (including owner's supervision, geodesy, geology, etc.)</i>	xxx.00
TOTAL SIMULTANEOUS CONNECTION FEE *	xxx.00

* - In the case of simultaneous connections, the cost shown in the calculation is divided between clients, taking into account the proportion of the capacity to be connected and in accordance with "Elering AS Methodology for calculating the connection charge and the charge for amending the consumption and generation conditions".

Value added tax in the amount provided for by law shall be added.

The prepared price offer takes into account the established prices of the Transmission System Operator's existing technical solutions. The estimated connection charge (excluding the transaction fee) shall be specified based on the results of the procurement.

Connection Charge Payment Schedule

Transaction fee

Payment schedule	Amount, EUR (exclusive of VAT)
<i>Transaction fee (100%) – payment is due within sixty (60) days from the signing of the connection contract*</i>	xxx.00
TOTAL	xxx.00

Network hardening fee (for generation-side capacity)

Payment schedule	Amount, EUR (exclusive of VAT)
<i>Network hardening fee (for generation-side capacity) (100%) – payment is due within sixty (60) days from the signing of the connection contract</i>	xxx.00
TOTAL	xxx.00

Stage 1 (substation works) a connection creation fee

Payment schedule	Amount, EUR (exclusive of VAT)
<i>Substation works (a connection creation charge) (100%) – payment is due within sixty (60) days from the signing of the connection contract</i>	xxx.00
<i>Project management fee (percentage of the stage cost according to the price list) – payable within sixty (60) days from the signing of the connection contract</i>	xxx.00
TOTAL	xxx.00

Stage 2 (Works on grid element LXXX) connection charge

Payment schedule	Amount, EUR (exclusive of VAT)
1st instalment (20% of the stage I fee estimated in the connection contract) – payment is due within sixty (60) days from the entry into the connection contract.**	xxx.00
Project management fee (percentage of the stage cost according to the price list) – payable within sixty (60) days from the signing of the connection contract	xxx.00
<i>1st instalment (20% of the stage I fee estimated in the connection contract) – payment is due within sixty (60) days from the entry into the connection contract (simultaneous connection)***</i>	xxx.00
2nd instalment (constitutes the remaining 70% of the actual stage I connection charge***) – payment is due after the announcement of the winner of the procurement necessary for the implementation of stage I of the connection contract, within twenty (20) days from the receipt of the invoice**	xxx.00
2nd instalment (constitutes the remaining 70% of the actual stage I connection charge***) – payment is due after the announcement of the winner of the procurement necessary for the implementation of stage I of the connection contract, within twenty (20) days from the receipt of the invoice (simultaneous connection)***	xxx.00
3rd instalment – the remaining part of the actual costs of the stage, from which the connection charge previously paid by the client for the stage has been deducted. Payment is due within forty-five (45) days from the receipt of the invoice **	xxx.00
<i>3rd instalment – the remaining part of the actual costs of the stage, from which the connection charge previously paid by the client for the stage has been deducted. Payment is due within forty-five (45) days from the receipt of the invoice (simultaneous connection)***</i>	xxx.00
TOTAL	xxx.00
TOTAL (simultaneous connection)	xxx.00

A fee for increasing supply reliability;

Payment schedule	Amount, EUR (exclusive of VAT)
Supply reliability enhancement fee (100%) – payment is due within sixty (60) days from the signing of the connection contract	xxx.00
TOTAL	xxx.00

Value added tax in the amount provided for by law shall be added.

** - In accordance with Methodology section 3.2.5, each participant shall pay 100% for the shared design and construction of electrical installations when connecting simultaneously. **. The shared costs for the construction of electrical installations shall be settled after the completion of the construction works, and each participant shall be reimbursed the portion that, according to the calculation principles set out in point 3.2.6, is not payable by them.

*** If the results of the procurement carried out for the performance of the connection contract differ from the initial estimated connection charge, the parties shall enter into an agreement to adjust the connection charge based on the best tender submitted for the procurement.

1. Permanent data of the power system at the substation

1.1. Frequency

Rated frequency	f	50	Hz
30 min	f	47.5 – 49.0	Hz
Unlimited	f	49.0 – 51.0	Hz
30 min	f	51.0 – 51.5	Hz

1.2. Voltage

The shortest time interval during which a transmission-connected demand facility or distribution network must be able to operate at the connection point without interruption of the grid connection

Rated voltage	Un	110	330	kV
Unlimited	U	99 – 123	297 – 362	kV
20 min	U	123 – 126.5	362 – 379.5	kV

The shortest period of time during which a generating unit must be able to operate without disconnecting from the network

Rated voltage	Un	110	330	kV
110 kV; 30 min / 330 kV; 20 min	U	93.5 – 99	290 – 297	kV
Unlimited	U	99 – 123	297 – 362	kV
20 min	U	123 – 126.5	362 – 379.5	kV

2. Basic electrical parameters of the consumption point

2.1. Connection point 1 (110 kV)

Short-circuit currents for calculating ground loop and contact voltage	Base kV 110.00 Ph-Ph (63.51 @0 deg A-Gnd) Prefault 1,070 V (p.u.) @ 0.00		
	3I0	xx	kA
	t	xx	s
Maximum short-circuit current with generators to be connected	I(3)k	xx	kA
	R	xx	Ω
	X	xx	Ω
Minimum short-circuit current	I(3)k	xx	kA
	R	xx	Ω
	X	xx	Ω
Typical short-circuit current	I(3)k	xx	kA
	R	xx	Ω
	X	xx	Ω

2.2. Connection point 2 (xx 110kV)

Short-circuit currents for calculating ground loop and contact voltage	Base kV 110.00 Ph-Ph (63.51 @0 deg A-Gnd) Prefault 1,070 V (p.u.) @ 0.00		
	3I0	xx	kA
	t	xx	s
Maximum short-circuit current with generators to be connected	I(3)k	xx	kA
	R	xx	Ω
	X	xx	Ω
Minimum short-circuit current	I(3)k	xx	kA
	R	xx	Ω
	X	xx	Ω
Typical short-circuit current	I(3)k	xx	kA
	R	xx	Ω
	X	xx	Ω

3. Electricity quality limits at the consumption power

3.1. Background levels of the electricity network

Estimated levels of voltage distortion and asymmetry in the 110 kV network in the substation area:

Negative sequence component of the network voltage	xx %
Total harmonic distortion, THD _u	xx %

3.2. Voltage harmonics

Permissible values of individual harmonics (client's installation) at the consumption point:

Percentage of rated voltage					
Odd harmonics				Even harmonics	
Indivisible by 3		Divisible by 3			
N	%	n	%	n	%
5	xx	3	xx	2	xx
7	xx	9	xx	4	xx
11	xx	15	xx	6	xx
13	xx	21	xx	8	xx
17	xx	>21	xx	10	xx
19	xx			12	xx
23	xx			>12	xx
25	xx				
>25	xx				
Total harmonic distortion, THD _u < xx %					

Total harmonic distortion is calculated based on the following expression:

$$THD_u = 100 \sqrt{\sum_{n=2}^{50} \left(\frac{U_n}{U_1}\right)^2} \% , n = f/50$$

To assess the level of harmonics, the 10-minute average values of the effective value of the phase-to-phase voltage measured at the connection point over a one-week measurement period are used. 95% values should be used in the analysis.

3.3. Current harmonics

In the case of current, total harmonic distortion is defined as follows:

$$THD_i = 100 \sqrt{\sum_{n=2}^{50} \left(\frac{I_n}{I_1}\right)^2} \%$$

and psophometric current as follows

$$I_p = \frac{1}{1000} \sqrt{\sum_{n=1}^{n=N} (p_n \times I_n)^2}$$

where n 1, 2, 3,..., harmonic order
 N 100, the order of the harmonic to be considered
 I_n n th order current harmonic and
 p_n psophometric weighting factor of the n th order harmonic

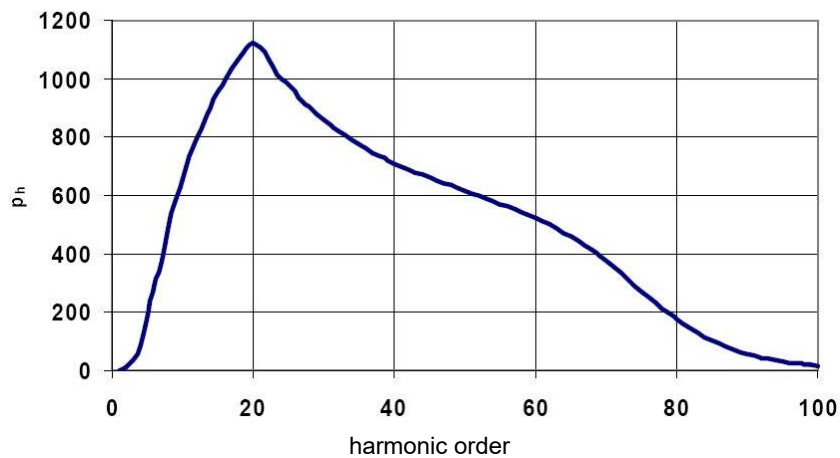
The values of total current harmonic distortion, current harmonics, and psophometric current at the connection point shall not exceed the values specified in the table below under any load conditions.

THD_i		5%
Relative harmonic content	$n \leq 13$	4%
	$n > 13$	2%
I_p		5 A

Psophometric coefficients

h	p_h	h	p_h	h	p_h	h	p_h	h	p_h
1	0,7	21	1109	41	698	61	513	81	161,3
2	8,9	22	1072	42	689	62	501	82	144,5
3	35,5	23	1035	43	679	63	487	83	130,3
4	89,1	24	1000	44	670	64	473	84	116
5	178	25	977	45	661	65	458,5	85	104,2
6	295	26	955	46	652	66	444	86	92,3
7	376	27	923	47	643	67	428	87	82,4
8	484	28	905	48	634	68	412	88	72,4
9	582	29	881	49	625	69	394	89	64,3
10	661	30	861	50	617	70	376	90	56,2
11	733	31	842	51	607	71	355,5	91	50
12	794	32	824	52	598	72	335	92	43,7
13	851	33	807	53	590	73	313,5	93	38,8
14	902	34	791	54	580	74	292	94	33,9
15	955	35	775	55	571	75	271,5	95	30,1
16	1000	36	760	56	562	76	251	96	26,3
17	1035	37	745	57	553	77	232,5	97	23,4
18	1072	38	732	58	543	78	214	98	20,4
19	1109	39	720	59	534	79	196	99	18,2
20	1122	40	708	60	525	80	178	100	15,9

Psophometric weighting factors



3.4. Asymmetry

The asymmetry factor at the connection point must not exceed 1.4% (consumer's installation with the existing electricity network). The client's share of the electrical installation must not exceed xx%. 95% values should be used during the analysis.

3.5. Flickering

The short-term and long-term flicker levels at the connection point caused by the client's installation must remain below the following values – $P_{st} \leq xx$, 95% weekly measurements; and $P_{lt} \leq xx$, 95% weekly measurements.

3.6. Voltage changes

Any switching and control activities performed at the client's installation must not cause a voltage change greater than 3% U_n at the connection point.

4. Relay protection

The transmission system relay protection ensures short-circuit shutdown, taking into account the failure of the system and/or the relay protection n-1 and circuit breaker (0.25 s in a 330 kV network) (0.6 s in a 110 kV network, 1 s in exceptional cases). All 330 kV and 110 kV substations are equipped with bus bar protection and circuit breaker failure protection. Relay protection coordination is agreed upon separately in the electrical design documentation.