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Red color are reflected the additions and amendments proposed by the DSO company

REGULATION ON NEW CONNECTIONS IN THE DISTRIBUTION SYSTEM

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PART I: GENERAL REQUIREMENTS

1.1 Scope

This Rule has the scope to regulate the relations between the Distribution System Operator (DSO) and Distribution System Users, which apply for a new connection or to modify the existing one in the Distribution System, define the procedures, terms and tariffs for performing this service by the Distribution System Operator and also to unify the quality of works, standards and technical characteristics of the new connections in the power distribution grid.

1.2 Authority

This regulation is drafted according:

- a) Law no.43/2015 “On Power Sector”
- b) “Electricity Distribution Code”
- c) “Methodology for Calculating the Electricity Distribution Tariff”

1.3 Definitions

Applicant is the interested party that has applied or is in the process of applying for a new connection, for a modification or capacity increase to the existing connection in the DSO grid.

Application for Connection is the request by the Applicant for a new connection, modification of the existing connection, including the capacity increase of the old connection in the DSO grid.

This is added- Application tariff (payment) is the payment that shall be executed by the applicant on the time when applying for connection, that covers the acceptance study of the connection to the Distribution grid and the preparation of the documentation to draft the Connection Agreement.

Application Form for Connections are the templates for each type of connection according to the voltage level.

Capacity of Connection shall mean the full power capacity in MVA provided for new connections or for capacity increase of existing connections.

Connection Date is the date on which the **Assets for Connection** are or are considered to be fully connected in the DSO grid and that DSO itself is capable to ensure the Capacity for the Connection.

Connection Offers is a connection offer in the DSO grid which is provided according to the deadlines determined in this Regulation.

Party responsible for the connection is the party that may be the applicant or/and DSO that undertakes the responsibility for the design, auction, construction, testing and energisation of a connection process.

Connection Assets are the assets that include movable property (equipments) and immovable property (buildings).

It is added – the initial **Verification and Testing tariff** of the meter are the tariffs for the grid update, operational expenses and initial testing of the electricity meters”.

Supervision Tariff and **Testing Tariff** is the tariffs for controlling and assessing the technical project, supervising the construction and testing the connections which are paid by the **Applicant**.

The System User or User is the one connected in the Distribution System being a directly connected consumer, Generator.

New Connection is a supply connection in MV,LV, a transformer cabin, equipments connected in the Distribution grid in the connection point/node, determined in kVA or MVA in the nominal voltage level.

Connection Point is the physical connection point of a User with the Distribution grid.

Delivery Point is the environment where are installed the switching equipment of main lines in Medium Voltage

Metering Point is the physical point where the connection point is installed and where the metering system fulfills all technical and accuracy conditions according to the Metering Code. The physical metering point is determined by the agreements between the Parties.

Metering Environment is the physical place where it is realized the electricity metering.

Customer Environment is the physical environment where are set the entire electricity transformation equipments that serve to the customer for electricity supply in his object.

Temporary connection is the electricity connection that is opened only for seasonal entities for defined periods according to the request of the applicant.

1.4 Guarantee of the connection in the Distribution Grid

DSO shall guarantee the connection in the distribution grid for all the interested parties in conformity with Law No.43/2015 “On Power Sector” and the criteria defined in this Regulation.

1.5 Persons eligible to apply

The application for a New Connection in the Distribution System can be made by:

- a) Any natural or legal person applying for a New Connection in the Electricity Distribution System (Applicant) pursuant to the obligations determined in the agreement between the user and DSO.
- b) Existing Users of Electricity Distribution System applying for a newconnection or modification of their existing connections in the Distribution System. (User)
- c) Distribution System Operator (DSO) shall not approve any applicationfor a New connection, if the User or Applicant has not fulfilled all the technical conditions and standards as an obligation for implementingthe codes and regulation in force or when he is a debtor and has not executed the previous liabilities to the DSO. **To the Distribution System Operator and the Supplier. In the event when the building has an existing contract shall not be applied for a new connection but only for the modification of the existing connection (if there is an ownership document).**

1.6 Application for New Connection

The application for a new connection shall be submitted at DSO offices requiring:

- a) Connection of buildings (housing or business premises) with the electricity grid of the Distribution System;
- b) Increase of existing connection capacity;
- c) Application for a temporary connection;
- d) Connection in the Distribution System of the generating plant.
- e) **Self-producer**

1.7 Criteria for the assessment of new connection or the modification of the existing connection

DSO to access an application for new connection or the modification of the existing connection shall implement the requirements of:

1. Law on guaranteeing safety of electrical equipment and installations;
2. Technical rules defined in the respective Council of Ministers decisions;
3. The terms and rules defined in the Distribution Code and Metering Code;

as well as the following criteria:

- a) location of the building for which the connection is demanded to be completed with the coordinates of its surface contour;
- b) distance from the building to the connection point;
- c) DSO distribution grid
- d) electricity supply safety
- e) Short circuit current levels, technical parameters, standard session, IP, short connection current, activation of the protection time
- f) All other applications for connection at the same point of the DSO Distribution Grid.

New connections or modification of the existing connection shall not cause any negative effect on existing customers or users, and shall not be affected by any negative effect of the existing customers or users. At the same time, it shall not cause any negative effect on the DSO distribution grid, but shall respect ISO 18001 standard.

The DSO shall define the terms and method for the realization of new connection and the technical parameters of the equipment serving for the connection of new customers in the Distribution System in conformity with:

- harmonised albanian standards (article 34 of Law No.43/2015 “On Power Sector”)
- European standards
- DSO company standards
- technical rules and the law for guaranteeing the work security of electrical equipments and installations.

1.8 Permission for building access

The Users or Applicants, applying for a new connection, are obliged to guarantee to DSO the

right to access their buildings, establishing the necessary facilities so that the latter can assess all the requirements and conditions for the new connection.

1.9 Technical requirements for a new connection

All works for realizing the new connection to the DSO distribution network shall be carried out by the Applicant based on the bilateral agreement with the Distribution Operator (DSO).

The Applicant shall observe:

- a) all material quality standard according to the European norms determined by the Distribution Operator;
- b) technical characteristics according to the norms determined by the Distribution Operator;
- c) cable sections and the currents of short connections for the switching devices, defined by the Distribution Operator (DSO);
- d) the losses level for transforming equipments for electricity supply of its object so that they may respond to distribution grid developments even for the future as well as the communication architecture of the digital equipment with the Distribution System Operator (DSO) determined by the Distribution Operator (DSO).
- e) controlling the equipments from third laborators, accredited according to EU standards
- f) all technical safety norms in conformity with ISO 18001 standard and the laws, secondary legislations and regulations in force.

All construction works, electricity supply lines and the main equipments of electricity cabins (inlet/outlet switchgears, transformers switchgears, capacity transformers, low voltage distribution panels, MV/LV metering panels, connecting cables with medium and low voltage grid, etc.) shall be:

- a) carried out by the Applicant according to the provisions given in the connection point study by DSO. The projects shall be performed by licensed engineers according to the criteria in Annex 1;
- b) are selected based on the standards and requests determined by Distribution Operator (DSO) and in conformity with a bilateral agreement, to be able their control by third party laborators, accredited by EU.
- c) are installed in conformity with the technical requirements and conditions of DSO
- d) are tested by the Applicant in conformity with all protocols and legal obligations in force and in conformity with the technical standards which are part of the new Connection Agreement. e. supervised and tested by DSO.

1.10 Responsibility of Distribution System Operator (DSO)

The Distribution System Operator (DSO) is responsible for:

- a) Drafting the technical conditions for the new connection and the technical specifications of all equipments needed for the realization of the new connection.
- b) Preparing the respective costs for any opportunity of realizing the new connection if the applicant wants it as an economic operator, for preparing the new connection accomplished by him.
- c) Pursuant to article 27 of the law no. 43/2015 "On Power Sector" DSO in any case, determines the criteria and technical conditions that must be fulfilled for the connection with the grid, despite the applicant's selection of licensed operators by the competent bodies, which shall perform connection works.

1.11 Responsibility for internal electrical installations of the applicant's building.

- a) The User or Applicant, willing to be supplied with electricity by the new connection to be realized, is responsible for the installation of:
 - all short circuit protection equipment;
 - protection equipments from the connection with the ground
 - protection equipments from over-voltages (atmospheric, the switching and protection ones from the rupture of the neutral conductor) .
- b) The User or Applicant shall realize the grounding system of the building and other customers supplied by such new connection, in conformity with the technical conditions and norms in force, **by self declaration or any other document.**
- c) The User or Applicant shall guarantee that all electrical installations in the entire building that shall be supplied with electricity are performed, inspected and tested by a company issued with license for the design and installation of electricity equipments, in conformity with the rules and technical conditions in force **by the self declaration, or any other document.**
- d) For any Applicant or User shall not be given the order of granting voltage, if the internal installations do not have the protections specified in this paragraph.
- e) The User or Applicant shall undertake to deliver from any responsibility the Distribution System Operator, for any obligation regarding any kind of damages in the distribution grid, caused by the internal electricity installations in the object required to be connected with electricity **by the self declaration, or any other document.**

1.12 Communication method

As communication form shall be the one with official letters accompanied with the respective protocol number. Throughout the various steps of the procedure, may be accepted even the email communication between the parties for the purpose of exchanging only the notifications for completing some concrete steps, as specified in this Regulation.

The application may be performed online through the application on the official website of the applicant" shall be added even through online application .

1.13 Application method

The application for new connection shall be according to the Standard Form of Application and shall be performed:

1. For 0-20 kW installed capacity, at Customer Service Office of DSO company, at the applicants residence.
2. For 21 - 50 kW installed capacity:
 - For LV connections - at Customer Service Office of DSO company, at the applicant's residence.
 - For MV - at Customer Services Office of DSO company, at the building location area.
3. For installed capacity of more than 50 kW - at Customer Services Center of DSO, at the building location area.

The details about the location of the Customer Service offices, information on the standard form that shall be used to apply for the new Connection, as well as the full documentation regarding the technical requirements and conditions that shall be fulfilled for the design and installation of the new Connection, for every Region, may be found on the relevant DSO website.

1.14 Request for electricity supply from two independent plant

1. DSO shall assess the application for a new Connection with electricity of the building from two independent electricity plant, in conformity with the Utilisation Rules and Distribution System Operation pursuant to the Distribution Code.
2. The respective tariffs for these cases shall be submitted on Part IV of these Rules.

PART II: REQUIRED DOCUMENTATION FOR NEW CONNECTION APPLICATION.

For the new connections in LV

2.1 Installed capacity 0-20 kW

The applicant shall submit the documentation as follows:

1. The request for electricity supply
2. ID documentation (Photocopy of the ID or passport)
3. Ownership certification of the building by the property registration documents, such as: purchase contract, donation act, or property division estate act, lease contract or relevant documentation for objects in legalisation process.
4. ~~Photocopy of the registration Certificate (for non-households)~~
5. ~~The building plan view in 1:1000 scale (two copies), (where are specified the coordinates of the building's surface contour).~~
6. ~~4. Installation declaration and the grounding protocol, issued by an electric engineer equipped with a license. Self declaration from the applicant".~~

2.2 Installed capacity 20-50 kW

The Applicant shall submit the following documentation:

1. Application for electricity supply
2. Identity documentation (photocopy of the ID or passport)
3. Ownership certification of the building by the property registration documents, such as: purchase contract, donation act, or property division estate act, lease contract or relevant documentation for buildings in legalisation process.
4. ~~Photocopy of the registration Certificate (for non-households)~~
- 5.4. Electricity project of the building, approved from the competent bodies according to the legislation in force
- 6.5. Design for all the equipments in the building
- 7.6. Electrical engineer license, that has done the electrical project of the building.
- 8.7. The building plan view in 1:1000 scale (two copies), (where are specified the coordinates of the building's surface contour).
- 9.8. Installation declaration and the grounding protocol, issued by an electric engineer equipped with a license.
- 10.9. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license

2.3 Installed capacity 50 - 100 kW

The applicant shall submit the documentation as follows:

1. Application for electricity supply
2. Identity documentation (photocopy of the ID or passport)
3. Ownership certification of the building by the property registration documents, such as: purchase contract, donation act, or property division estate act, lease contract or relevant documentation for objects in legalisation process
4. ~~Photocopy of the registration Certificate (for non-households)~~
- 5.4. The electricity project of the building approved by the competent bodies according to the legislation in force.
- 6.5. Design of all the equipments in the building
- 7.6. Electrical engineer license, that has done the electrical project of the building.
- 8.7. Planview of building in a 1:1000 scale (2 copies) (where are specified the coordinates of the building's track).
- 9.8. Installation declaration and the grounding protocol, issued by an electric engineer equipped with a license.
- 10.9. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license.
- 11.10. Construction permit of the building
- 12.11. Electrical load graph
- 13.12. Analytical report of $\cos\phi$ assessment

2.4 For New Connections in MV

The Applicant shall submit the following documentation:

1. Application for electricity supply
2. Identity documentation (photocopy of the ID or passport)
3. Ownership certification of the building by the property registration documents, such as: purchase contract, donation act, or property division estate act.
4. Photocopy of the registration Certificate (for non-households)
5. The electricity project of the building approved by the competent bodies according to the legislation in force. **Even the electricity project of the cabin and the connection**
6. Design of all the equipments in the building
7. Electrical engineer license, that has done the electrical project of the building.
8. Planview of building in a 1:1000 scale (2 copies) (where are specified the coordinates of the building's track).
9. Installation declaration and the grounding protocol, issued by an electric engineer equipped with a license.
10. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license.
11. Construction permit of the building
12. Electrical load graph
13. Analytical report of $\cos\phi$ assessment

PART III: APPLICATION PROCEDURE FOR A NEW CONNECTION.

3.1 Procedures and Deadlines for a new connection or modification of an existing connection in low voltage

3.1.1 Procedures and Deadlines for a new connection or modification of an existing connection at 0 - 20 kW installed capacity in low voltage.

- a) The Applicant makes the application and submits the documentation required to the Customers Service Office of DSO.
 - The term for the realization of a new connection in such cases is the following:
 - ~~i. not more than 20 business days, for installed capacity up to 10 kW;~~
 - ~~ii. not more than 20 business days for installed capacity of 10-20 kW.~~
Not more than 20 business days.
- b) DSO shall inspect the building requiring the electricity connection and approve the point and method of connection to the grid.
- c) Calculates the costs for the new connection **The advance payment shall be liquidated from the applicant within 7 working days from receiving the notification. On the contrary the application is refused and shall be re-applied.**

- d) After the Applicant has paid the new connection tariff, DSO carries out all the procedures until the supply of the building with electricity.
- e) Voltage connection and electricity supply shall be realized on the same time with the installation of the metering equipment.
- f) DSO registers the new connection or the modification made for the applicant/customer or user in its customer system and shall prepare the respective supply card, within 3 business days after the voltage connection. The System Operator shall make available to the Applicant all the necessary information for the new connection or modification of the performed modification.
- g) The electricity meter verification shall be done by the independent subject, authorized for electricity meter verification, according to provisions of law no. 43/2015 "On power sector". The test report of the electricity meter verification shall be submitted by the independent entity to the customer and the DSO.
- h) All information of the new connection is stored by the Distribution System Operator (DSO) in electronic and documented way.

3.1.2 Procedures and Deadlines for New connection or modification of an existing connection at 21-50 kW installed capacity in Low Voltage

- a) In case the installed capacity for a new Connection or modification of an existing connection is 21-50 kW at low voltage, the applicable procedures and terms are those defined in section 3.1.1 (points a-d).
- b) The energisation and electricity supply shall be realized from DSO according to the energisation order.
- c) In case during the energisation of the building are encountered problems with the equipment, realizing the connection, the Applicant is obliged that with his own expenses to repair the damaged or non-functional part, until the full scheme functions normally as well as to pay for the caused damages.
- d) Distribution System Operator (DSO) registers the User or the Applicant in its customers system and prepares his/her supply card within 2 working days after granting the voltage. The system operator makes available to the applicant, the necessary information for the new connection or modification of the performed connection and the supplier monthly shall make the reconciliation with the Distribution Operator.
- e) Electricity meter verification shall be performed by an independent entity authorized for this purpose according to provisions of Law no. 43/2015 "On power sector". The test report of the electricity meter verification shall be submitted by the independent entity to the customer and the Distribution System Operator (DSO).
- f) All the information about the new connection is stored by the Distribution System Operator in electronic and documented way.

3.1.3 Procedures and Deadlines for New connection or the modification of an existing connection at 50-100 kW installed capacity in Low Voltage.

- a) The User or Applicant shall submit the building's electric project that will be supplied with electricity. Such project shall comply with the legislation into force; it shall reflect all the constructive details and the way of realizing the internal installations, accompanied with the respective technical report to indicate all electrical loads and their position inside the building. The project shall respect the technical standards of the new connection that are part of these Rules. Such project shall be designed and calculated by a licensed engineer or a company licensed for

electrical designs.

- b) Distribution System Operator assessment period for the User's or Applicant's application and the submission for approval and signature of the draft for "New Connection Agreement" shall not exceed 20 working days from the date the application is submitted.
- c) Distribution System Operator (DSO) shall carry out the preliminary verification of the documents submitted by the User or Applicant and, if the Application is not complete, shall notify the User or Applicant in writing within 5 working days, from the date the application is submitted for assessment.
- d) DSO shall inspect the building applying for electricity connection and, depending on the conditions of the electrical grid in that area, shall prepare the connection way for the building to the grid. Distribution System Operator (DSO) shall prepare the proposal and the new connection agreement and send them to the Applicant for approval according to the terms of point 3.1.3/b
- e) The proposal for the new connection, prepared by the Distribution System Operator, may be accepted by the applicant not later than five (5) working days from the date the DSO has made its proposal available to the applicant.
- f) If the applicant accepts the proposal, then he shall pay the respective liabilities within 5 working days from the notification of Page 18 proposal, otherwise the proposal becomes invalid and the applicant shall apply again for a new connection.
- g) It shall calculate the costs of new connection.
- h) When the Applicant has paid the connection tariff and other liabilities, and after the inspection within 3 working day by DSO company is prepared the order for the implementation of the new connection. The electricity metering system shall be installed within 5 working days from the date of issuing the metering installation report for low voltage and 10 working days for medium voltage. The energisation and electricity supply shall be realized by the Distribution System Operator by implementing the energisation order.
- i) The electricity meter verification shall be performed by an independent entity, authorized for electricity meter verification according to the provisions of law no. 43/2015 "On power sector". The test report of the electricity meter verification shall be submitted from an independent entity to the customer and to the Distribution System Operator (DSO).
- j) The new connection equipment are ensured, installed and tested by the Applicant. k) In case during the energisation of the building are encountered problems with the equipment, realizing the connection, installed by the Applicant then he is obliged that with his own expenses to repair the damaged or non-functional part, until the full scheme functions normally.
- k) Distribution System Operator (DSO) registers the applicant/user in its customers system and prepares his supply card within 2 working days after the energization.

If in the Proposal and the New Connection Agreement it is provided the power connection in medium voltage and the Applicant agrees with the proposal:

- a) The Applicant shall submit to the Distribution System Operator (DSO) the signed acceptance form Proposal and the New Connection Agreement.
- b) Distribution System Operator (DSO) shall implement all procedures provided in this regulation.
- c) Within 2 working days from the payment, the Distribution System Operator shall draft the administrative order to begin the project in accordance with the technical

- standards and conditions, submitted in the Connection Agreement.
- d) After submitting the detailed building project, the Distribution System Operator (DSO) shall analyze it, and if the project is in conformity with the technical standards, the DSO, within 2 working days, shall approve the project and inform the Applicant to make the full payment of the new connection tariff. If the Applicant does not pay the tariff within 5 working days from approval and after he is notified by DSO on the way of medium voltage connection in the distribution grid, then the application and the new connection agreement are considered invalid, and the applicant shall reapply for a new connection.
 - e) Once the Applicant has paid the new tariff, DSO shall apply all the procedures to begin the works by the Applicant.
 - f) With the beginning of the works the Applicant shall notify DSO, so that the last one mentioned takes the required measures for beginning the Supervision process which is carried out by DSO.
 - g) In case the electricity cabin, as a real estate, is built by the Applicant inside the building area which is to be supplied with electricity, the Distribution System Operator (DSO) shall give its approval whether the adapted environment for electricity cabin meet the technical standards and is accessible by them.
 - h) Upon the termination of the works, Distribution System Operator (DSO) shall take measures to make the final inspection and if the works are carried out in compliance with the technical standards, the Distribution System Operator (DSO), within 2 working days, shall accept and permit the installation of the metering system under the work order. In case during the control are found technical defects, the applicant is obliged to complete or repair the defects.
 - i) Upon termination of installations and after accepting the electricity cabin, the Distribution System Operator, within 1 working day, shall prepare the report of installing the electricity metering system (meters, collective boxes, etc.), which shall be installed within 5 working days from the date of the metering report.
 - j) The electricity meter verification shall be realized by the independent subject authorized for this purpose according to the provisions of law no. 43/2015 “On power sector”. The verification report of the electricity meter shall be delivered by independent subject to the customer and to the Distribution System Operator (DSO).
 - k) After the installation of the metering system, Distribution System Operator (DSO) shall prepare the order the energisation of the equipment. The testing and energisation of the equipments shall be performed within 3 working days and it is carried out by the respective structures of DSO company.
 - l) In case during the energisation of the building are encountered, problems with the equipment of the connection, then the applicant is obliged to repair the damaged or non-functional parts with its own expenses, until the complete scheme functions normally.
 - m) Distribution System Operator (DSO) registers the applicant/customer or the user in its customers system and prepares the respective supply card, within 5 working days from the energisation. The System Operator shall make available to the applicant /customer all the information required for the new connection or the performed modification.
 - n) The time limit for installing the new connection is 60 working days, divided according to the following steps:
 - Not more than 25 working days for the application procedure to the Distribution System Operator (DSO), the review of application by DSO, the identification of the connection

point, preparation of design and calculation of the expenses.

- Not more than 30 working days to obtain the relevant permits and realizing all construction works by the Applicant.
- Not more than 5 working days for the installation of the metering system.

3.1.4 Procedures and Deadlines for new connection or themodification of an existing connection in Medium Voltage

- a) The User or Applicant shall submit the electricity project of the building to be supplied with electricity. Such design shall be in conformity with the legislation into force; it shall reflect all the constructive details and the method of internal installations realization, accompanied by the respective technical report to show all electrical loads and their position inside the building. The project shall respect the technical standards of the new connection that are part of this regulation. Such project shall be designed and calculated by an engineer or a company licensed for electricity designs.
- b) Distribution System Operator (DSO) shall carry out the preliminary verification of the documents submitted by the User or Applicant and, if the Application is not complete, shall notify the User or Applicant in writing within 5 working days, from the date the application is submitted for assessment.
- c) Distribution System Operator shall inspect the building demanding electricity connection and, depending on the conditions of the electrical grid in that area, shall draft the feasibility study, shall prepare the Proposal and the new Connection Agreement and send them to the Applicant for approval according to the terms.
- d) The proposal for new connection, prepared by Distribution System Operator (DSO), can be accepted by the Applicant not later than five (5) working days from the date the Distribution System Operator (DSO) has made the proposal available to the applicant.
- e) If the applicant accepts the proposal, then he shall submit the offer acceptance form, sign the agreement and pay the respective liabilities within 5 working days from the notification of the made proposal, otherwise the proposal becomes invalid and the Applicant shall reapply for a new connection.
- f) After the applicant has paid the new connection tariff , Distribution System Operator (DSO) shall apply all the procedures for the beginning of the works. The works shall be carried out by the operator licensed from the competent authorities, chosen by the applicant for the realisation of the new connection.
- g) With the beginning of the works the Applicant shall notify the Distribution System Operator (DSO) so that this one takes the measures to start the supervision process which is performed by DSO.
- h) In case the electricity cabin, as a real estate, is built by the Applicant inside the building area which is to be supplied with electricity, the Distribution System Operator (DSO) shall give its approval whether the adopted environment for electricity cabin meet the technical standards and is accessible by them.
- i) The new connection equipments are provided, installed and tested by the Applicant with his own expenses.
- j) Upon the termination of the works, Distribution System Operator (DSO) shall take measures to make the final inspection and if the works are carried out in compliance with the technical standards, the Distribution System Operator (DSO), within 3 working days, shall make the acceptance. If during the control are found technical defects, the applicant is obliged to complete or repair the defects.
- k) Upon termination of installations and after accepting the electricity cabin, the

Distribution System Operator (DSO), within 1 working day, shall prepare the report of installing the electricity metering system(meters, collective boxes, etc.), which shall be installed within 5 working days in LV and 10 working days in MV from the date of the metering report.

- l) The electricity meter verification shall be realized by the independent subject authorized for this purpose according to the provisions of lawno. 43/2015 “On power sector”. The verification report of the electricity meter shall be delivered by independent subject to the customer and to the Distribution System Operator (DSO).
- m) After the installation of the metering system, Distribution System Operator , DSO shall prepare the order for the energisation of the equipments. The testing and energisation of the equipments shall be performed within 1 working day and it is carried out by the respective structures of DSO company.
- n) In case during the energisation of the building are encountered, problems with the equipment of the connection, then the Applicant is obliged to repair the damaged or non-functional parts with its own expenses, until the complete scheme functions normally.
- o) Distribution System Operator (DSO) registers the applicant / customer or the user in its customers system and prepares the respective supply card, within 5 working days from the energization. The System Operator shall make available to the applicant /customer all the information required for the new connection or the performed modification.
- p) The time limit for installing the new connection is 60 working days, divided according to the following steps:
 - Not more than 25 working days for the application procedure to the Distribution System Operator (DSO), the review of application by DSO, the identification of the connection point, preparation of design and calculation of the expenses.
 - Not more than 30 working days to obtain the relevant permits and realizing all construction works by the Applicant.
 - Not more than 5 working days for the installation of the metering system.

3.2 New electricity generation plant

The application for a new connection of new generation plant to the **MediumVoltage** grid shall be at the DSO Customer Care Office in Tirana.

- 1- The DSO assessment period performed by the applicant and the submission for signing the “New Connection Agreement” shall not exceed 20 business days from the date the application is submitted.
- 2- The Applicant shall submit the electricity project of the generation Resource and of the transmission line to the connection point with DSO. Such project shall be in conformity with the legislation into force and reflect all the technical specifications and the main parameters of equipment, together with its principal scheme.
- 3- The applicant shall execute the electricity connection project of the generation resource to the Distribution Network after signing the new Connection Agreement.
- 4- DSO shall preliminary carry out the verification of the documents submitted by the applicant and, if the application is not complete, DSO notifies the Applicant in the written form within 5 working days, from the date the application is submitted for assessment.
- 5- DSO shall inspect the building demanding the connection and depending on the conditions of the electricity grid in the area, shall prepare the connection method to the grid.
- 6- If the Applicant agrees with offer submitted by DSO for the connected with its distribution system, the Applicant shall sign the offer acceptance form within 10 calendar days. In the contrary the proposal becomes invalid and the application for a new connection shall be repeated.
- 7- If the Applicant accepts the offer, he shall submit the offer acceptance format DSO company.
- 8- Distribution System Operator (DSO) after the accepting the offer, connects a bilateral agreement with the applicant. Then, the applicant shall draft the connection point project. After the approval, DSO company shall notify the applicant asking to execute the full payment of the new connection tariff. If the Applicant does not execute the payment of the tariff within 10 calendar days from the moment the connection method to the distribution grid is approved, the application and the new connection agreement are considered invalid and the interested person has to reapply for a new connection.
- 9- Once the Applicant has paid the new connection tariff, DSO shall promptly issue the permission to begin the works.
- 10- All the works for the connection point (handing over and metering the environment) shall be carried out by DSO.
- 11- All works for the customer’s environment to the connection point and the electricity supply line to the generating resource shall be carried out by the applicant, choosing the entity to carry out the installation of equipment and the new connection components. The installation of equipment to the substations connected with the entry line switchgears, their design and installation are made by DSO.
- 12- After the termination of works and installations, Distribution System Operator (DSO), within 2 working days, is obliged to inspect and take over the works and installations under a specific report. In case there are encountered defects they shall be repaired by DSO.
- 13- The Applicant collaborates with the electricity purchaser to make the installation of the electrical metering system to the connection point with the distribution system, in compliance with the requirements of the Metering Code.

- 14- After the installation of the metering system, DSO shall prepare the order for the energisation of the equipments. The testing and energisation of the equipment is made within 2 working days and it is carried out by the DSO respective structures.
- 15- In case during the energisation of the building, are encountered problems with the equipment realising the connection, DSO is obliged to repair, with its own expenses, the damaged or non-functional parts, until the complete scheme functions normally
- 16- If the customer utilizes the substations area to install his own equipment, both inside or outside the building, he shall pay a rent tariff under an agreement between the parties, according to the provisions of the Civil Code.

3.3 Procedure for displacement of Distribution System Operator (DSO) assets

- a) For various needs of the entities, may be required the movement or substitution of different DSO assets (overhead power line, cable lines, utility poles, electricity cabins, etc).
- b) The realization of such movements or substitutions is made only upon prior approval of DSO, in conformity with the Procedures and Terms defined in points 3.1.1, 3.1.2, 3.1.3, 3.1.4 of this Regulation.
- c) If DSO approves the movement, then it shall be made under the technical standards of the company by the Applicant and all the expenses for realizing the substitution of the assets shall bear to the Applicant under the invoice approved by DSO.
- d) The new connection equipment are provided, installed and tested by the Applicant with his own expenses, under the legislation into force.
- e) DSO asset movement tariff is drafted by DSO according to the methodology approved by ERE.

3.4 Grid connection method for electricity plant

- a) Power plant shall be connected to the distribution grid after DSO has carried out the study for the connection and the effects caused to that part of the grid by the presence of new plant for electricity generation.
- b) It is preferred that the connection of new plants to be in transforming Sub/Stations and if such method of connection is not possible then they should be connected as additional part of the existing 6-10-20-35 kV grid incurring additional costs related to the connection.
- c) All the additional expenses relating to the connection, reinforcement of existing parts for the distribution network to make the connection, possible additions in 6, 10, 25, 35 kV medium voltage parts and at high voltage in the Substation (when there connection is demanded) shall bear to the Applicant.
- d) The deadline for realizing the connection of generation plants in the DSO distribution system shall not exceed two years from the approval of the connection point and, if such deadline is exceeded, the applicant has to reapply for a connection point covering all the expenses for any possible change to the DSO distribution system.

3.5 ~~Required documentation for generation plant connection-~~

~~1. Application for the connection to the distribution grid~~

~~(Application form)-~~

~~2. Photocopy of identity document (ID card)-~~

~~3. Registration certificate at the NBC (for non household entities)-~~

- ~~4. General plan view of building.~~
- ~~5. Map indicating the location of building in site in an adequate scale.~~
- ~~6. Longitudinal profile of the electricity line and all other technical details related thereof.~~
- ~~7. Full design of the node how shall be connected with the new building to the distribution grid.~~
- ~~8. Copy of electrical engineer license that carried out the project.~~
- ~~9. Copy of previous contract (file) that the Applicant may have.~~
- ~~10. Concession contract for the construction of the generation plant.~~
- ~~10. Type of generation plant and its nominal parameters, including X'' (d).~~
- ~~11. Maximum active and reactive generating capacity.~~
- ~~12. Principal internal scheme of the generation plant with all technical details.~~
- ~~13. Type of synchronic generator and its parameters.~~
- ~~14. Main parameters of the power transformer.~~

3.5 Required documentation for generation plant connection

• Point 3.5.1 "Hydro generation plants

- 1. Request for distribution grid connection (Application form).**
- 2. Fotocopy of the identification document (ID card).**
- 3. General plan view of building.**
- 4. Map indicating the location of building in site in an adequate scale.**
- 5. Longitudinal profile of the electricity line and all other technical details related thereof.**
- 6. Full design of the node how shall be connected with the new building to the distribution grid.**
- 7. Draft copy of electrical engineer license that carried out the design .**
- 8. Electricity contract for personal needs.**
- 9. Concession contract (or the approval from the Ministry) for the construction of the generation plant.**
- 10. Maximum generated load active and reactive.**
- 11. Principal internal scheme of the generation plant with all technical details.**
- 12. Type of synchronic generator and its parameters.**
- 13. Main parameters of the power transformer.**

Point 3.5.2"Photovoltaic generation plants"

- 1. Request for distribution grid connection (Application form).**
- 2. Photocopy of the identification card (ID).**

3. Generation plan view of the building.
4. Map indicating the location of building in site in an adequate scale.
5. Longitudinal profile of the electricity line and all other technical details related thereof.
6. Full design of the node how shall be connected with the new building to the distribution grid.
7. Copy of the electrical engineer license that carried out the design.
8. Electricity contract for personal needs.
9. Concession contract (or the approval from the Ministry) for the construction of the generation plant
10. Maximum generated power.
11. Principal internal scheme of the generation plant with all technical details.
12. Main parameters of the power transformer.
13. Instructions and technical schedules of the PV system products, such as: pannels, inverters, cables etc.;

Point 3.5.3 "Aeolian generation plants"

1. Request for distribution grid connection (Application form).
2. Photocopy of the identification card (ID card).
3. Generation plan view of the building.
4. Map indicating the location of building in site in an adequate scale.
5. Longitudinal profile of the electricity line and all other technical details related thereof.
6. Full design of the node how shall be connected with the new building to the distribution grid.
7. Copy of the electrical engineer license that carried out the design.
8. Electricity contract for personal needs.
9. Concession contract (or the approval from the Ministry) for the construction of the generation plant.
10. Maximum generated power.
11. Principal internal scheme of the generation plant with all technical details.
12. Main parameters of the power transformer.

3.5.4 "Self-producers" with the respective documentation listed as follows on three sub-categories according to the power, as follows:

• 0-10kWp

1. Request.
2. Declaration for its average consumption during a year according to the history of the recent two years or in case of the no history, the report of the energy control issued from the certified audit accompanies with the respective verification and the proposal for installed capacity.
3. Proposal regarding the model of the meter with both directions, the net metering scheme and the technical characteristics according to the DSO standards.
4. Technical report.
5. Original copy of the approval certificate of the system, signed by licensed designers of electricity generation plants renewable from solar (cat. 10c) and licensed applicants for the construction of energy generation plants (cat. NP-IOA), accompanied with the confirmation of the selfproducers of the PV system
6. The instructions and the technical scheme of PV system products, such as; the pannels, inverters, cables, etc.

7. License of the designing engineer, that shall have IOC point at the designing license and NPIO for implementation license.
8. ID card
9. Number of the existing contract of the customer (without debt) with same power of the self generation plant.
10. Ownership document of the building where shall be constructed the photovoltaic plant.

• 11-50kWp

1. Request
2. Declaration of average consumption during the year according to the history of the two recent years, or in case of no history, the energy audit report issued from the certified audit, accompanies with the respective certification and the proposal for installed capacity.
3. Approved design from natural and legal persons licensed for the connection to the PV plant with the distribution network, according to the Distribution Code approved by ERE.
4. Proposal on the meter model in both directions, the net metering scheme and the technical characteristics according to DSO standards.
5. Technical report.
6. Original copy of the approval certificate of the system, signed by licensed designers of electricity generation plants renewable from solar (cat. 10c) and licensed applicants for the construction of energy generation plants (cat. NP-IOA), accompanied with the confirmation of the selfproducers of the PV system.
7. The instructions and the technical scheme of PV system products, such as; the pannels, inverters, cables, etc.
8. The data on the main inverter and the main characteristics of the generation meter set according to it.
9. License of the designing engineer, that shall have IOC point at the designing license and NPIO for implementation license.
10. ID card.
11. Number of the existing contract of the customer (without debt) with same power of the self generation plant. Ownership document of the building where shall be constructed the photovoltaic plant.

• 51-500kWp

1. Request.
2. Declaration of average consumption during the year according to the history of the two recent years, or in case of no history, the energy audit report issued from the certified audit, accompanies with the respective certification and the proposal for installed capacity.
3. Approved design from natural and legal persons licensed for the connection to the PV plant with the distribution network, according to the Distribution Code approved by ERE.

4. **Proposal on the meter model in both directions, the net metering scheme and the technical characteristics according to DSO standards.**
5. **Technical report.**
6. **Original copy of the approval certificate of the system, signed by licensed designers of electricity generation plants renewable from solar (cat. 10c) and licensed applicants for the construction of energy generation plants (cat. NP-IOA), accompanied with the confirmation of the selfproducers of the PV system.**
7. **The instructions and the technical schedules of the PV system products, such as the pannels, inverters and cables, etc.**
8. **The data on the main inverter and the production meter characteristics set according to it.**
9. **The license of the design engineer, that shall have the license for IOC point for design and the license NPIO for implementation.**
10. **Permission from the municipality for the "Works that shall be performed with prior declaration for construction" Council of Minister Decision no. 408, of date 13.05.2015 "On the approval of the regulation for teritorial development" as amended.**
11. **ID card**
12. **Number of existing contract of the customer (without debt).**
13. **Ownership document of the building where shall be constructed the photovoltaic plant**

Designing the transformer cabin and the connection method

- a) For the approved connection point, the Applicant shall design the construction and electrical project for the transformer cabin (if provided in the Distribution System Operator (DSO) offer and its construction method to the distribution grid. The electrical project shall be designed in compliance with the legislation into force.
- b) The works for the new connection in the DSO ownership premises shall be carried out by DSO itself with the equipments determined by the Distribution Operator with the expenses of the applicant. All other works shall be carried out by the Applicant pursuant to applicable legislation, respecting all the material quality standards and technical standards according to the norms. In this way, shall eliminate all deficiencies observed during the time in the electricity distribution grid, for the current or prospective management.
- c) The project shall cover all the requirements specified below:
 - 1) The plan and location of the transformer cabin, as an integral part of the construction project in general.
 - 2) Detailed construction project of transformer (including all cross-sections of the building cabin).
 - 3) Layout of all equipment inside the transformer point.
 - 4) The plan of installing the electricity cables, inside and outside the cabin and cross-sectional of the cable conduits.
 - 5) Principal electricity scheme of the electricity cabin, reflecting all nominal parameters of electrical equipments and all other details about its completion in general.
 - 6) The cabin grounding system and all the details regarding its realisation, inside and outside the electricity cabin.

- 7) Design of overhead lines, cable lines (at MV-LV) power and the line profile in a scale 1:1000.
- d) Design and selection of equipments shall be in conformity with the type and technical specifications already known by the Distribution System Operator (DSO) after approval of the offer by the Applicant.
- e) The design of cabins shall be according to the following types:

1. TYPE 1 cabin: wall structure for the supply of residential and service buildings (one room)

This type of cabin is designed to be constructed in the applicant property border with doors accessible from outside of the building, close to the street. Such cabin shall have adequate space for the installation of all cabin equipment.

2. TYPE 2 cabin: wall structure cabin for electricity supply of industrial or commercial buildings (two rooms).

This type of cabin shall be constructed in applicant's property border with doors accessible from the outside and in proximity of the street and having two rooms available for DSO assets. In one room, shall be installed the capacity transformer, while in the other room shall be installed the commuting equipments together with the metering panel. In the electricity metering room shall be installed two doors, where one is accessible from the outside and managed by DSO and the other is accessible from the inside and managed by the applicant.

3. TYPE 3 cabin: wall structure cabin for electricity supply of industrial and commercial buildings (three rooms)

This type of cabin shall be installed in the applicant's property border with doors accessible from the outside and in proximity of the street. Such cabin shall have two rooms available for the DSO assets and one room available for the Applicant's assets. In one room, shall be installed the commuting equipment, while in the other room shall be installed the electricity meter. The commuting equipment room shall have a door accessible from the outside and managed by DSO. In the electricity meter room, shall be installed two doors, where one is accessible from the outside and managed by DSO and the other is accessible from the inside and managed by the Applicant. The third room, where shall be installed the transforming and commuting equipments, shall have an inside door and accessible only by the applicant.

4. TYPE 4 cabin: Service pillar for the supply of different buildings (residential group of buildings, commercial or industrial ones etc.)

This type of cabin is used for transformer capacity up to 250 kVA and shall be installed outside of the contour of the encircled area with a distance no more than 3 ml from the property border and with medium voltage supply line going through public areas easy to check.

3.63.5 Validity of submitted documentation

- a) All documents shall be in original or certified copies and they shall be archived by Distribution System Operator (DSO).
- b) If from the preliminary assessment of the above mentioned data, the submitted document is considered incomplete, the Distribution System Operator (DSO) has the

right to require additional data from the applicant.

PART IV: NEW CONNECTION TARIFFS

4.1 Tariff principles

- a) The tariffs for the connection to the electricity distribution grid are defined in conformity with the following principles:
 - 1) non-discrimination
 - 2) transparency regarding the use of electricity distribution grid and its integral parts;
 - 3) development of distribution grid to ensure the same level of quality for electricity supply;
- b) The tariffs for the New Connections are the same for the entire territory of the Albanian Republic;
- c) The main principle for the obligation of realising a New Connection is: the natural or legal person, requiring modifications in the distribution grid shall cover all costs related to the modifications of distribution grid for realising the new

4.2 Works / services to be paid by the applicant

1. The Applicant shall cover the costs related to the services carried out by Distribution System Operator (DSO) and included in the tariff as follows:
 - Acceptance and processing of application;
 - Planning the development of the distribution grid to enable the connection of the new building (feasibility study);
 - Determination of connection point to the Distribution System;
 - Control and approval of the planning submitted by the Applicant;
 - Supply and installation of equipment, included in the new connection, that shall be realized by the entity authorized under the legislation into force, the testing of all equipment included in the new connection.
 - Supervision, monitoring and testing the construction and installations works;
 - Installation of metering equipments;
 - 50 ml (coaxial or capacity cable, depending on the case) cable for the installation of meter in the Customers provided with a separate box electrical meter etc.
 - Connection with the Distribution System Operator (DSO) distribution grid.
 - The seal of the separate boxes, the seal for the metering current and voltage transformers.
2. The works/ services that are to be carried out and borne by the Applicant are:
 - Design for realising the new connection;
 - Performing all construction and electrical works (electricity cabins, cable conduits, transformers, commuting equipments, etc.);
 - ~~Costs for the part of cable more than 50 ml, whose value is defined in reference with the average price of such cable in the Distribution System Operator books (for Customers provided with electricity meter in an separate box);~~
 - Opening the cable conduits for realising the electrical nodes with the existing distribution grid, electricity materials that realize the connection to the existing grid (terminals, switchgear, etc.), and the rehabilitation (temporary or

permanent) of the ground, including the road systems..... **the part of the cable with more than 50 ml, the opening of the cable channels for the realization of the joint nodles with the existing distribution grid, the electricity materials that realize the connection with the existing grid (terminals, switchgears, etc), as well as the (temporary and permanent) rehabilitation of the terrain, including the road systems.**

- The test of the realized connection,
- The permissions for the work cycle

4.3 Payment method

- a) The Applicant shall pay the new connection tariff, which covers the expenses defined above.
- b) The Applicant shall cover the expenses of all works and additional equipments necessary for the new connection.
- c) The Distribution System Operator (DSO) shall implement full payment in advance for all new connections or modifications of the existing connections.
- d) With the completion of works, if Distribution System Operator (DSO) shall be the licensed operator chosen by the Applicant to make the new connection or modification of an existing one, DSO shall prepare a detailed invoice for the costs, quantities and prices of works and materials used for the new connection or modification of an existing connection, in which, in any case, the applicable prices shall not be Page33 higher than the market value of the same product, at the moment the works for the connection are carried out. In case of differences between the costs invoice and the real costs of the works, the parties, when required, shall pay the difference or reimburse the other party.
- e) The T3 Tariff, for the required capacity paid by the applicant, shall not exceed 300% of the income per capita. Covering the other part of the tariff, exceeding the amount specified herein, is subject to regulation by ERE.

4.4 Tariff structure for the new connection

- a) The new connection tariff or for the modification of an existing connection (Connection Tariffs), will be calculated considering the principles determined in this regulation.
- b) The connection tariffs will depend on the applicant requests, availability of the distribution network at the connection point, reserve capacity (if any) at the connection points as well as on other characteristics related to the realisation of the connection including the required capacity and the voltage level.
- c) The connection tariffs consist of **T1, T2, T3 and T4** tariffs.

T1 – The study and assessing the approval design tariff

T2 – Distance tariff

T3 – Capacity tariff (ALL / kw required capacity)

T4 – Services tariff for realizing the new connection and metering

TARIFF TABLE T2 ACCORDING TO THE DISTANCE for connection in LV

Distance tariff in LV		Fix value of the tariff	Additional value for each 100 m
a.	Within 200 m	2000	-
b.	For each additional 100 m		1000

TARIFF TABLE T2 ACCORDING TO THE DISTANCE for connection in MV

Distance tariff in MV		Fix value of the tariff	Additional for each 1 km
a.	Within 1 km	4500	-
b.	For each additional 1km		4500

Tariff T4 – the tariff of the services for the realization of new connection and the metering is composed from these elements :

1. Tariff for the network update;
2. Tariff for the administrative expenses;
3. Tariff for the initial verification/testing of the single stage and three stage metter, referring to the provisions of Article 77 of Law no. 43/2015 “*On Power Sector*”.

4.5 Other conditions for the connection in the distribution grid

a) Low voltage grid 0,4 kV

Minimal installed capacity to realize the electricity connection in low voltage 0,4 kV shall be 5 kW for the 1 stage grid and over 5 kW for the 3 stage grid

b) Medium voltage 6, 10 kV

The grid with 6 and 10 kV voltage are in transfer process with a voltage level 20 kV. In this transition stage the new connections to 6, 10 kV medium voltage grid when the

electricity cabin is provided to be constructed through a switching fuse unit in medium voltage. The applicant himself Page35 shall be responsible for changing the equipments and for carrying out the works if in the future this distribution grid near the connected building shall be replaced with 20 kV grid.

c) Voltage grid 20 kV

The connection of the electricity cabin with the 20 kV distribution grid voltage shall be realized by MV panels according to Entry-Exit panels and Transformer Panel structure.

d) 6,10,20 kV service pillars

Service pillars shall be mainly used in rural areas but they may be built even in urban areas depending on the analysis and Distribution System Operator (DSO) decision.

They will be prepared according to the switch – fuse and surge scheme and the capacity of the power transformer shall be 50-250 kVA.

e) 35 kV voltage grid

Acceptance and the new connections realization in the 35 kV voltage grid shall be in compliance with the development strategy and internal rules of the Distribution System Operator. They shall be done according to the switch – fuse and surge scheme and the minimum capacity of the transformer to accept the assessment of the application for this voltage grid shall be 800 kVA.

f) Reinforcement of 6, 10,20 kV transformer cabins in the ownership of Distribution System Operator

The Distribution System Operator (DSO) carries out an analysis and the assessment of the transformer units that are located close to the new building that requires new connection or added capacity. DSO shall assess any case and depending on the situation of the network, existing cabin, real possibilities for reserve capacity transformers, development perspective in that area; DSO may decide to do by itself the reinforcement of the existing cabin and the applicant shall be connected to the low voltage network and pay the respective tariffs.

4.6 Tariffs for low voltage connection

This tariff is applied for cases when the request of the applicant for connection to 0.4 kV voltage is approved.

a) Household customers

T1 = 1000 ALL

T2 = according to the distance table

T3 = 2,000 ALL /kW (to the required capacity)

T4 = Service tariff for realizing the new connection and the metering

- b) Non-household customers

T1 = 5000 ALL

T2 = according to the distance table

T3 = 2.500 ALL /kW (to the required capacity)

T4 = Service tariff for realizing the new connection and the metering

4.7 Tariff for connection in medium voltage

- a) This tariff is applied only when to the applicant is approved the connection in medium voltage 6, 10 and 20 kV (the applicant shall construct an electricity cabin)

T1 = 23000 ALL

T2 = according to the distance table

T3 = 1.700 ALL /kW (to the required capacity)

T4 = Service tariff for realizing the new connection and the metering

- b) For the customers in residential and services buildings, on T4 tariff is not included the tariff for the update of the network.

4.8 Tariff for connection in medium voltage 35 kV

This tariff is applied only when to the applicant is approved the medium voltage for 35 kV

T1 = 23000 ALL

T2 = according to the distance table

T3 = 2,000 ALL /kW (to the required capacity)

T4 = Services tariff for realizing the new connection and the metering

4.9 Tariff for additional capacity, connection modification or transferring

- a) Household customers

T1= 0 ALL

T2 = according to the distance table

T3 = 2,000 ALL/kW (to the required additional capacity)

T4 = Services tariff for realizing the new connection and the metering

- b) Non-household customers in low voltage

T1 = 0 ALL

T2 = according to the distance table

T3 = 2.500 ALL/kW (to the required additional capacity)

T4 = Services tariff for realizing the new connection and the metering

- c) Non-household customers in medium voltage

T1 = 0 ALL

T2 = according to the distance table

T3 = 1700 ALL /kW (to the required additional capacity)

T4 = Services tariff for realizing the new connection and the metering

d) Non household customers in 35 kV

T1 = 0 ALL

T2 = according to the distance table

T3 = 1700 ALL/kW (to the required additional capacity)

T4 = Services tariff for realizing the new connection and the metering

4.10 Tariff for connection in Sub/stations

New connection to the distribution grid busbar of the sub-stations may be performed by assessing in advance the existing situation of the Sub-station and the possibility for its connection.

a) If the Distribution System Operator possesses a switch for the distribution plant, then the applicant is obliged to confront not only the expenses but also the change of the equipments, (current transformer, cable head etc), but even additional tariff:

The tariff for using the existing switch: 150,000 ALL

Tariff for connection modification: 50,000 ALL

b) If the Distribution System Operator does not possess a switch for the distribution plant then the applicant shall ensure and install the switch by himself to the building and shall be obliged to pay:

Tariff for connection modification: 50,000 ALL

c) If the Distribution System Operator shall install a switch by himself to the building to realize the connection then the applicant shall pay the obligation:

Tariff for using the new switch: 1,000,000 ALL

Tariff for connection modification: 50,000 ALL

d) For all of the above cases the metering and invoicing of electricity, shall be through the metering panel set to the sub-station according to the conditions defined at the Metering Code. The Distribution System Operator is responsible for ensuring and installing the respective metering system.

4.11 Tariff for the connection from several electricity sources

According to point 1.14, the Distribution System Operator shall apply an additional tariff for the cases when required and it is approved the realization of the new connection from two independent energy sources.

For these cases, the User or the Applicant shall pay the respective tariff for each connection according to this regulation. The procedure and the conditions shall be the same as in the case when the connection is realized from a single supply source.

4.12 Tariff for the connection of electricity generation sources

For the case when to the Distribution System shall be connected the electricity generation sources, the connection tariff is composed from only these components:

T1 = 10 000 ALL

T2 = 100 000 ALL

T3 = 0

T4 = Tariff for initial testing of the electricity meter

When the connection with the electricity sources shall be to the busbar of the distribution grid substations in the ownership of the Distribution System Operator then shall be applied the additional tariffs as defined on Point 4.11.

4.13 The control of maximum request for capacity

- i. The Distribution System Operator shall control the maximum request for electricity supply from each Customer connected to medium voltage by using the Automatic load.
- ii. The Distribution System Operator shall control the maximum request for each Customer connected in medium voltage by selecting the suitable transformer coefficient of the Current Transformer.
- iii. The Distribution System Operator shall control the maximum and minimum voltage levels and the switch of the generation from maximum voltage protection.

4.14 The electricity metering system

1. The Distribution System Operator is responsible to ensure and install the metering system to the LV, MV (individual box 1-stage and 3 – stage meter, metering panel in LV,MV, completed with meters and current transformer, collective boxes with meters, and current transformers).
2. For the individual customers with installed capacity ≥ 200 kVA the metering system shall be realized through the installation of the meter switch in MV for the voltage levels 6 and 10 kV.
3. For the individual customers with installed capacity ≥ 400 kVA the metering system shall be realized through the installation of the metering switch in MV for the voltage levels 20 and 35 kV.
4. In the case of new electricity sources, the requests for all metering system elements shall fulfill the technical criteria of the purchaser (DSO). The applicant is obliged to cooperate with the purchaser in the selection process and the installation of the metering system according to the technical specifications of the purchaser. The metering system installed without the approval of the purchaser the DSO, is not considered regular and shall not be sealed from him. The schematic submission for all the cases shall be realized according to the metering brochure (Annex 2).

4.15 Maintenance

The connections are operated by the grid operators, which are responsible for their maintenance. The cost for the control and maintenances provided in the Utilisation and Technical Ensurance Regulation is paid by the user, according to the agreement agreed between the parties:

PART V: OWNERSHIP FOR NEW CONNECTION

5.1 Ownership limits

- a. The connection lines at Low Voltage, as connection assets, shall be at the ownership of Distribution System Operator (DSO).
- b. Regarding the Users or Applicants asking for a connection point at Medium Voltage, the ownership limits are established, in any case, under a special agreement between the parties.
- c. The property of the new connection assets, added to the existing grid, is under the possession of the user, until the full depreciation of the assets, or upon termination of the authorization given under the connection agreement between the parties. Upon the full depreciation of the connection assets, their ownership passes to the grid operator. The connections are operated by the grid operators which are responsible for their maintenance. The cost of maintenance is paid by the User, according to the provisions made at point 4.15 of this Regulation.

5.2 Ownership rights on immovable property

- a) Distribution System Operator may purchase has the usufructary right free of charge over the immovable property destined as electricity cabin, according to the provisions made in the legislation in force.
- b) The usufructary shall be established with a notary agreement between the parties, shall be registered at the immovable property registers and realized in conformity with the provisions of the Civil Code as amended.
- c) The change of the immovable property owner shall not violate the usufructary right of the Distribution System Operator company.

PART VI: FINAL PROVISIONS

- 6.1 Immovable assets acquired “free of charge” by the Distribution System Operator (DSO) under these Rules shall not be included in the Regulated Asset Basis for the calculation of the tariffs. 6.2 These Rules are subject of review, with ERE Board decision according to the Regulation for ERE Organization, Operation and Procedures. 6.3 This regulation enters immediately into force after the publication in the Official Gazette.

ANNEX 3

TARIFFS FOR NEW CONNECTIONS WITH THE DISTRIBUTION SYSTEM OF THE ELECTRICITY SELF-PRODUCERS FROM SOLAR WITH TOTAL INSTALLED CAPACITY UP TO 500 KWP

T1 – THE STUDY TARIFF AND THE TARIFF OF ASSESSMENT AND DESIGN APPROVAL

T1 is a fix tariff, connected with the cost for the study of the project for the new connection and the study and update of the connection point with GIS methodology. According to customer categorization and the voltage level where the new connection is defined:

- 1) For household customers – T1= 1000 ALL
- 2) For non-household customers in low voltage – T1= 5000 ALL
- 3) For the customers connected in medium voltage 6/10/20/35 kV – T1= 23000 ALL
- 4) For additional capacity, modification of the connection, transferring of the connection – T1= 0 ALL

T2 – DISTANCE TARIFF = 0 lekë

T3 – POWER TARIFF = 0 lekë

T4 – SERVICES TARIFF FOR THE REALIZATION OF THE NEW CONNECTION AND INITIAL TESTING OF THE METER

Tariff T4 is the fix tariff for the services for the realization of the new connection and the initial verification/testing of the meter. This tariff is composed from these elements:

- 1) Tariff for the update of the network 1500 ALL
- 2) Administrative expenses 1000 ALL
- 3) Tariff for the initial verification/testing of the meters
 - single stage
 - third stage

Tariff for the initial verification/testing of the meter, referring to the provisions of Article 77 Law no. 43/2015 “*On Power Sector*”.

Application for new connection /additional capacity /transferring of the contract 0-20kW

Personal data / entity

Name
Father name
Surname
No. of the Identification Document
NUIS (Unique Identification Number)
Address of the building
Phone number
E-mail:
In case of additional capacity /contract transferring (the Code of the Contract)
Category / Entity (household / private /joint environment)
Required capacity
Installed capacity
Referring to the Regulation for New Connection to the Distribution System approved with ERE Board Decision no. 166, of date 10.10.2016, as amended point 1.11 "Responsibility for the internal electricity installations of the applicant's building",:

Ideclare that, all the internal installations and the grounding of the building are performed with an electricity engineer/studio that is licensed in conformity with the technical conditions and the regulation for technical utilization;

That there are implemented all the norms for technical safety according to ISO 18001 standard, the installations are performed in conformity with the requirements and the technical conditions of the DSO and are tested according to all effective protocols and legal obligations and shall be in conformity with the technical standards not to cause negative influence to the distribution network.

I conform that there are performed all the construction works to the building that require to be connected with electricity.

I confirm that I have these electricity supply Agreements (connection points) as follows:

.....

I the undersigned am informed for the legal responsibilities deriving from the declaration and the submission of the false circumstances, under my personal responsibility declare that the data submitted to this form are real and according to Law no. 9887 “ On the protection of personal data” I authorize the institution with my free will, to process and use my personal data, for statistical purposes and to review the application. I also acknowledge and accept all the conditions and obligations regarding the provision with electricity supply deriving from the effective legislation.