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REGULATION ON NEW CONNECTIONS IN THE DISTRIBUTION SYSTEM

CONTENT

PART I: GENERAL REQUESTS

1.1 Scope

1.2 Authority

1.3 Definitions

1.4 Guarantee of the connection to the Distribution System

1.5 Persons eligible to apply

1.6 Application for New connection

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

1.8 Permission for building access

1.9 Technical requirements for a new connection

1.10 Responsibility of Distribution System Operator (DSO)

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

1.12 Communication method

1.13 Application method

1.14 Request for electricity supply from two independent plants

PART II: REQUIRED DOCUMENTATION FOR NEW CONNECTION APPLICATION.

PART III: APPLICATION PROCEDURE FOR A NEW CONNECTION.

3.1 Procedures and Deadlines for new connection or modification of an existing connection at low voltage.

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

3.1.2 Procedures and Deadlines for new connection or modification of an existing connection at 21-50 kW installed capacity in low voltage.

3.1.3 Procedures and Deadlines for new connection or the modification of a connection.

- 3.1.4 Procedures and Deadlines for new connection or the modification of an existing connection in medium voltage MV
- 3.2 New electricity generation plant
- 3.3 Procedure for displacement of the Distribution System Operator (DSO) assets
- 3.4 Grid connection method for electricity plant
- 3.5 Required documentation for generation plant connection
- 3.6 Designing the transformer cabin and the connection method
- 3.7 Validity of submitted documentation

PART IV: NEW CONNECTION TARIFFS

- 4.1 Tariff principles
- 4.2 Works /services to be paid by the applicant.
- 4.3 Payment method
- 4.4 Tariff structure for the new connection
- 4.5 Other conditions for the connection in the distribution grid
- 4.6 Tariffs for low voltage connection
- 4.7 Tariffs for medium voltage connection
- 4.8 Tariffs for 35 kV medium voltage connection
- 4.9 Tariffs for additional capacity, connection modification or transferring
- 4.10 Tariffs for Sub/station connections.
- 4.11 Tariffs for the connection cases from electricity sources
- 4.12 Tariffs for the connection of electricity generation plant
- 4.13 Controlling the maximum demand for capacity
- 4.14 Electricity metering system
- 4.15 Maintenance

PART V: OWNERSHIP FOR NEW CONNECTION

5.1 Ownership limits

5.2 Ownership rights over immovable property

PART VI: FINAL PROVISIONS

ANNEX 1_ New connection agreement

ANNEX 2 _ Tariffs for new connections

ANNEX 3_ Tariffs for new connections to the distribution systems of solar electricity self-producers with total installed capacity up to 500 kwp

PART I: GENERAL REQUIREMENTS

1.1 Scope

The scope of this Regulation is 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 electricity distribution grid.

1.2 Authority

This regulation shall be drafted based on:

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

1.3 Definitions

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

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

Application Fee (payment) shall mean the payment executed by the Applicant on the time when it is approved the estimate for connection, that covers the study for acceptance to the distribution grid connection and the preparation and draft of the documentation for the Connection Agreement.

Application Form for Connections shall mean 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 shall mean 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 Bids shall mean the connection bid to the DSO grid which is provided according to the deadlines determined in this Regulation.

Party Responsible for Connection shall mean the Party that may be the **Applicant** or/and the DSO that undertakes the responsibility for the design, auction, construction, testing and energization of a connection process.

A Connection Assets shall mean the assets that include movable property (equipments) and immovable property (buildings).

Supervision Tariff and Testing Tariff shall mean the tariffs for controlling and assessing the technical project, supervision of the construction and testing the connections which are paid by the **Applicant**, to the Distribution Grid at the connection point/noodle, defined in kVA or MVA, to the normal voltage level.

The System User or User shall mean the connected in the Distribution System being a directly connected consumer, Generator.

New Connection shall mean a supply connection in MV, LV, a transformer cabin, equipment's connected to the **Connection Point** that means the physical connection point of a User with the Distribution Grid.

Delivery Point shall mean the environment where are installed the switching equipment of main lines in Medium Voltage (MV).

Metering Point shall mean 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 shall mean the physical location on which it is realized the on-site electricity metering.

Customer Environment shall mean the physical location where it is set the total set of transforming electricity equipments, that serve to the customer for the electricity supply of its building.

Temporary Connection shall mean the temporary electricity connection that is open only for seasonal entities for the periods defined according to the applicant request according to the deadlines and the development permission or the temporary construction permission and shall be interrupted on the request of the entity or if the object is dismantled according to the secondary legislation of the enforcement bodies for territorial administration.

1.4 Guarantee of the connection to the in the Distribution Grid

DSO shall ensure 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 new Connection to the Distribution System may be performed 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 new connection or modification of their existing connections in the Distribution System. (User)
- c) Distribution System Operator (DSO) shall not approve any application for a New connection, if the User or Applicant has not fulfilled all the technical conditions and standards as an obligation for implementing

the codes and regulation in force or if they are in debt and have not executed the previous liabilities to the DSO.

1.6 Application for New Connection

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

- a) Connection of buildings (housing or business premises) to the Electricity Distribution Grid;
- b) Power increase of the existing connection;
- c) Request for temporary connection;
- d) Connection to the Distribution System of generation sources. Self-producers

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

Distribution System Operator for the assessment of new connection application or the application for the modification of the existing connection shall respect the requirements of:

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

as well as the criteria as follows:

- 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, each and every material quality standard according to the European norms determined by the Distribution Operator;

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:

- harmonized 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 equipment’s and installations.

1.8 Permission for building access

The Users or Applicants, applying for a new Connection, are obliged to guarantee to the Distribution System Operator (DSO) the right to access their buildings, establishing the necessary facilities so that this latter may 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 grid shall be carried out by the Applicant based on the bilateral agreement with the Distribution Operator (DSO). The Applicant shall respect:

- a. each and every 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 sessions and the currents of short connections for the switching devices, defined by the Distribution Operator (DSO);
- d. the losses level for transforming equipment's of 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 equipment's from third laboratory, accredited according to EU standards
- f. all technical safety norms in conformity with ISOO 18001 standard and the laws, applicable secondary legislations and regulations.

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 enable 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 equipment's 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 equipment's from the connection with the ground
 - protection equipment's 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 effective technical conditions and norms.
- 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 equipment, in conformity with the rules and technical conditions in force.
- d) For any Applicant or User shall 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 self-declaration, or any other document that is considered necessary from it or the submission of the document that is requested according to the applicable documentation.

1.12 Communication approach

As a 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 Online through the application in the official website of OSHEE Group sh. a and through mobile application.

1.13 Application Approach

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 the Distribution System Operator, at the applicant's residence.
- 2) For installed capacity from 21 up to 50 kW:
 - For the connections in LV - at the Customer Care offices of the Distribution System Operator, at the applicant's residence.
 - For the connections to the MV - at the Customer Care Office of the Distribution System Operator, at the object location area.
- 3) *For* installed capacity of more than 50 kW – at the Customer Care Offices of the Distribution System Operator, at the object location area. The details of the location of the Customer Care Offices, the information on the Standard Form that shall be used to be applied for the new connection as well as the full documentation regarding the requirements and the technical conditions that shall be respected to design and realize the new Connection at any country, may be found on the respective website address of the Distribution System Operator.

1.14 Request for electricity supply from two independent plants

1. DSO shall assess the application for a new Connection with electricity of the building from two independent electricity plant, in conformity with the Utilization 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 New Connections in LV

2.1 Installed Capacity 0-20 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 object through the registered ownership documentation such as: deed of sale, deed of donation/gift, deed of immovable property allocation, rent agreement, respective document for the objects in legalization process)
4. Self-declaration from the applicant or any other documentation that is considered necessary from him". (according to ANNEX I of this decision).
5. Any other documentation, the submission of which shall be obligatory from the update of the legal and by-legal acts approved with Council of Ministers Decision or with ERE Board Decision.

2.1.1 Application for the temporary new connection to the Distribution System may be performed by:

- a) Any physical or legal person, or existing user that performs the seasonal temporary activities pursuant to a development permission or temporary construction permission, according to the obligations

defined on the act-agreement between the temporary users and the DSO company.

- b) The tariffs shall be paid for the temporary new connections shall be the same with the tariffs approved to the Regulation referring to the required installed capacity
- c) The suspension or termination of the contract for the temporary new connection shall be executed according to the same procedure that is provided on the electricity supply contract or the cases when it terminated the temporary development/construction permission that is issued from the competent bodies or we are on the conditions of object demolition from the law enforcement authorities.

2.2 Installed capacity 20-50 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 object through the registered ownership documentation such as: deed of sale, deed of donation/gift, deed of immovable property allocation, rent agreement, respective document for the objects in legalization process)
4. Electric design of the object, that is approved from the competent bodies according to the effective legislation
5. Design of all equipments to the object
6. Electric engineer license, that performed the electric design of the object.
7. Planview of building in a 1:1000 scale (2 copies) (where are specified the coordinates of the building's track).
8. Installation declaration and the grounding protocol, issued by an electric engineer equipped with a license.

9. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license.
10. **Any other documentation, the submission of which shall be obligatory from the update of the legal and by-legal acts approved with Council of Ministers Decision or with ERE Board Decision.**

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 object through the registered ownership documentation such as: deed of sale, deed of donation/gift, deed of immovable property allocation, rent agreement, respective document for the objects in legalization process)
4. Electric design of the object, that is approved from the competent bodies according to the effective legislation
5. Design of all equipments to the object
6. Electric engineer license, that performed the electric design of the object.
7. Planview of building in a 1:1000 scale (2 copies) (where are specified the coordinates of the building's track).
8. Installation declaration and the grounding protocol, issued by an electric engineer equipped with a license.
9. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license.
10. Permission for the construction of the object
11. Graph of the electricity charge
12. Analytic report for the $\cos\phi$ assessment
13. **Any other documentation, the submission of which shall be obligatory from the update of the legal and by-legal acts approved with Council of Ministers Decision or with ERE Board Decision.**

2.4 For New Connections to the MV

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 object through the registered ownership documentation such as: deed of sale, deed of donation/gift, deed of immovable property allocation,
4. Electric design of the object, that is approved from the competent bodies according to the effective legislation
5. Design of all equipments to the object
6. Electric engineer license, that performed the electric design of the object.
7. Planview of building in a 1:1000 scale (2 copies) (where are specified the coordinates of the building's track).
8. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license.
9. Detailed engineering report regarding the project and calculating the data, performed by an electrical engineer equipped with a license.
10. Construction permit of the building
11. Electric load graph
12. Analytical report of cosØ assessment
13. **Any other documentation, the submission of which shall be obligatory from the update of the legal and by-legal acts approved with Council of Ministers Decision or with ERE Board Decision.**

PART III: APPLICATION PROCEDURES FOR A NEW CONNECTION

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

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

- 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 working days

- b. DSO shall inspect the building requiring the electricity connection and approve the point and method of connection to the grid.
- c. It shall calculate the costs for the new connection. The payment shall be executed by the applicant within 7 working days from receiving the notification. On the contrary the application shall be 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 object 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 the modification of an existing connection when the installed capacity is 21-50 kW in LV

- a) When the installed capacity for a New Connection or for the modification of an existing one is 21-50 kW, in low voltage, and the procedures and terms shall be the same with those described in Point 3.1.1 (Point a-d).
- b) The energization and electricity supply shall be realized from DSO according to the energization order.
- c) In case during the energization 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-operational 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 maintained by the Distribution System Operator in electronic and documented way.

3.1.3 Procedures and Deadlines for New Connections or for the modification of the existing one when the installed capacity is 50-100 kW in LV.

- a) The User or Applicant shall submit the object's electricity project that is required to 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 Regulation. This 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 prior perform the verification of the documents submitted by the User or Applicant and, if the application is not complete, the Distribution System Operator shall notify the User or Applicant in written form within 5 working days, from the date the application is submitted for assessment.
- d) DSO shall inspect the object applying for electricity connection and, depending on the conditions of the electricity grid in that area, shall prepare the connection way for the object 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 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 energization and electricity supply shall be realized by the Distribution System Operator by implementing the energization 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 the Distribution System Operator.
- j) The new connection equipment is ensured, installed and tested by

the Applicant.

- k) In case during the energization 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-operational part, until the full scheme operates normally.
- l) 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 for the initiation of 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, the DSO shall apply all the procedures to begin the works by the Applicant.
- f) With the initiation of the works the Applicant shall notify DSO, so that the last one mentioned takes the required measures to initiate the Supervision process which is carried out by DSO.
- g) In case the electricity cabin, as an immovable property, is constructed 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, the Distribution System Operator (DSO) shall prepare the order the energization of the equipment. The testing and energization of the equipment’s shall be performed within 3 working days and it is carried out by the respective structures of DSO company.
- l) In case during the energization 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 operates 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 energization. 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 the modification 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 electricity 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) The Distribution System Operator shall inspect the object requiring the connection with electricity and depending on the electricity grid of that area, shall draft the feasibility study, and prepare the Proposal and the Connection

Agreement and send it to the applicant for approval according to the deadlines.

- 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 realization 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 equipment's 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 the testing 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 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).
- m) After the installation of the metering system, Distribution System Operator, DSO shall prepare the order for the energization of the equipment’s. The testing and energization of the equipment’s shall be performed within 1 working day and it is carried out by the respective structures of DSO company.
- n) In case during the energization 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 **Medium Voltage** 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 working.
- 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 form at 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 energization of the equipment's. The testing and energization of the equipment is made within 2 working days and it is carried out by the DSO respective structures.

15- In case during the energization of the building, are encountered problems with the equipment realizing 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 entity, 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 is provided, installed and tested by the Applicant with his own expenses, under the legislation into force.
- e) The assets displacement tariff of the DSO is drafted by the Distribution System Operator according to the methodology approved by ERE.

3.4 Grid connection method of the electricity sources

- a) Electricity resources 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) Shall be 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 their connection is demanded) shall bear to the Applicant.

- e) The deadline to realize the connection of the generation sources to 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 Documentation required for the connection of generation sources

3.5.1 Hydro generation sources

3.5.2 Fotovoltaic generation sources

3.5.3 Aeolian/wind generation sources (according to ANNEX II)

3.5.4 The self-producers with the respective documentation mentioned in three subcategories divided according to capacity 0-20 kWp, 20-50 kWp and 51-500 kWp (according to ANNEX III)

3.6 The design of the transforming cabin and the connection approach

- 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) bidd and its construction approach 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 the 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 bid 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 to the applicant's property border with accessible doors from the outside and in proximity of the street with two rooms available to the DSO. In one room shall be set the power transformer and on the other shall be set the commuting equipment's together with the metering panel. At the electricity metering room shall be set two doors, one shall be accessible from the outside and managed by the DSO and the other door shall be 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 equipment's, 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.

3.7 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: TARIFFS FOR THE NEW CONNECTIONS

4.1 Tariffs principles

- a) The tariffs for the connection with the electricity distribution grid are defined in conformity with the objectives as follows:
 - 1) non-discrimination
 - 2) transparency regarding the use of the electricity distribution grid and its integral parts
 - 3) development of the distribution grid, to be provided the maintenance of the electricity supply quality level
- b) The tariffs for the New Connections are the same for the territory of Albania.
- c) The main principle for the obligation of realizing 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 realizing the new connection.

4.2 Works / services that shall be paid from 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 the application process
 - Planning the development to the distribution grid to enable the connection with the new object (feasibility study);
 - Defining the connection point to the Distribution System;
 - Control and approval of the project submitted from 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 the electricity metering equipments
- 50ml cable (coaxial or power/load according to the circumstances) for the installation of the meter to the customers equipped with electricity meter with individual box etc.
- Connection with the distribution grid of the Distribution System Operator.
- Seal of the individual boxes, seal of metering transformers of current and voltage.

2. The workings/ Services to be performed and confronted by the Applicant are:

- Design for realizing the new connection
- Performing all construction and electrical works (electricity cabins, cable conduits, transformers, commuting equipment's, etc.);
- Part of the cable with more than 50 ml, the opening of the cable conduits to realize the joint nodes with the existing distribution grid, (terminals, switchgear, etc), and the rehabilitation, (temporary or permanent) of the ground, including the road systems.
- Testing of the realized connection,
- Adequate 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 equipment's 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 the 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 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 realization of the connection including the required capacity and the voltage level.
- c) The Connection Tariffs are composed of the Tariffs as follows: **T1, T2, T3, and T4**

- T1** – Study tariff for the assessment and approval of the design
- T2** – Distance tariff
- T3** – Load tariff (ALL / kw of required load)
- T4** – Services tariff to realize the new connection and the metering

TARIFF TABLE T2 ACCORDING TO THE DISTANCE FOR LV connection

Distance tariff in LV		Fix Amount of the Tariff	Added amount per 100 m
a	Within 200 m	2000	-

b	For each added 100 m		1000
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TABLE FOR T2 TARIFF ACCORDING TO THE DISTANCE FOR MV connections

Distance tariff in MV		Fix Amount of the Tariff	Added Amount of the Tariff
a	Within 1 km	4500	-
b	For each added 1km		4500

T4 Tariff - Service tariff to realize the new connection and the metering shall be composed of these components

- 1. Tariff to update the network
- 2. Tariff for the administrative expenses
- 3. Tariff for initial verification /testing of the single-stage, three-stage metering, 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) 0,4 kV low voltage grid

Minimum installed capacity to realize the electricity connection in 0,4 kV Low Voltage shall be up to 5 kW for single phase grid and over 5kW for 3 phase grids.

b) 6, 10 kV voltage grid

6 and 10 kV voltage network is on transpose and transferring process to the grid with 20 kV voltage level. On this transitory

phase, the way to realize the new connections to the medium voltage grid 6, 10 kV, when provided the construction of the electricity cabin, shall be realized the switching fuse in medium voltage. The applicant shall be self responsible for the amendment of the equipments and the performance of the works in the future where this distribution grid near the object is connected to substitute the 20 kV grid 20 kV.

**c) 20 kV
voltage Grid**

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 following 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 (DSO)

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 shall be applied on cases where to the applicant it is approved the low voltage connection for 0.4 kV

a) Household Customers

T1 = 1000 ALL

T2 = according to the distance table

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

T4 = Tariff for the services to realize the new connection and the metering one

b) Non-household customers

T1 = 5000 ALL

T2 = according to the distance table

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

T4 = Service tariff to realize the new connection and the metering one

4.7 Tariff for medium voltage connection

- a) This tariff is applied for the cases when the request of the applicant for connection in medium 6, 10 and 20kV voltage is approved (the applicant shall build an electricity cabin)

T1 = 23000 ALL

T2 = to the distance table

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

T4 = Service tariff to realize the new connection and the metering one

- b) For the customers in residential or service buildings, in T4 tariff shall not be included the tariff for grid update.

4.8 Tariff for 35 kV medium voltage connection

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

T1 = 23000 ALL

T2 = according to the distance table

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

T4 = Service tariff to realize the new connection and the metering one

4.9 Tariffs for additional power, modification or transferring connection

- a) Household customers

T1= 0 ALL

T2 = according to the distance table

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

T4 = Service tariff to realize the new connection and the metering one

- 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 power)
 T4 = Service tariff for the realization of the new connection and the metering one
- c) Non- household customers in medium voltage
 T1 = 0 ALL
 T2 = according to the distance table
 T3 = 1700 ALL / kW (to the required additional power)
 T4 = Service tariff to realize the new connection and the metering one
- d) Non-household customers in 35 KV voltage
 T1 = 0 ALL
 T2 = according to the distance table
 T3 = 1700 ALL/kW (to the required additional power)
 T4 = Service tariff to realize the new connection and the metering one

4.10 Tariffs for substation connection.

The new connection to the distribution grid busbars for the Sub-stations may be performed by assessing the existing situation of the Sub-station and the possibility for the connection to it.

- a). If the Distribution System Operator (DSO) owns a switch gear panel in the distribution plant the applicant has the obligation to pay not only the expenses for changing the equipment (current transformer, cable head, etc) as well as the additional tariffs:

Tariff for using the existing panels	150'000 ALL
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Tariff for connection modification 50'000 ALL

- b). If the Distribution System Operator (DSO) does not have a switch gear panel in the distribution plant then the applicant shall ensure and install the switch gear panel in the building and is obliged to pay:

Tariff for connection modification 50'000 ALL

- c). If the Distribution System Operator (DSO) shall install a switch gear panel in the building in order to have the required connection the applicant has to pay:

Tariff for using the new switch gear panel 1'000'000 ALL

Tariff for connection modification 50'000 ALL

- d). For all the above-mentioned cases the electricity metering and invoicing shall be done through a metering panel placed in the Sub/station according to the conditions determined in the Metering Code. Distribution System Operator (DSO) is responsible for ensuring and installing the respective metering system.

4.11 Tariffs for the connection cases from some electricity resources

In compliance with point 1.14 Distribution System Operator (DSO) shall apply an additional tariff when it is requested and approved the new connection from two independent power sources.

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

4.12 Tariffs for the connection of electricity generation resources

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

T1 = 10

000 ALL

T2 = 100

000 ALL

T3 = 0

T4 = Tariff for initial testing of electricity meter

In case the connection of the energy connection resources shall be to the distribution grid busbars of the Substations on the ownership of the Distribution System Operator, shall be applied an additional tariff as mentioned on point 4.11

4.13 Controlling the maximum demand for capacity

- i. Distribution system Operator shall check the application for maximum electricity supply made by any Customer connected at low voltage, using an Automatic loader.
- ii. Distribution System Operator shall check the maximum application made by any Customer connected at medium voltage selecting the adequate coefficient of the Current Transformer Transformation.
- iii. Distribution System Operator shall control the maximum and minimum voltage levels as well as the disconnection of the generator from the maximum voltage protection.

4.14 Electricity metering system

- i. Distribution System Operator (DSO) is liable to provide and install the metering system at LV, MV (a separate metering box with single-phase and 3-phase meter, LV and MV metering panel with meters and current transformers, collective metering box completed with meters, and current transformer).
- ii. Regarding the individual customers with installed capacity ≥ 200 kVA the metering system shall be carried out through the installation of the metering switch in MV for voltage levels 6 and 10 kV.
- iii. Regarding the individual customers with installed capacity ≥ 400 kVA the metering system shall be carried out through the installation of MV for the 20 and 35 kV voltage level.

- iv. On the case of the resources shall be completed the technical criteria of the purchaser (DSO). The applicant is obliged to cooperate with the purchaser in 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 company) shall not be considered true and shall not be sealed. The schematic submission for all cases shall be realized according to the metering catalogue. (Annex 2)

4.15 MAINTENANCE

The connections are operated from the grid operators, that are responsible to maintain them. The cost, for the control and maintenance provided on the Regulation for the Utilization and Technical Safety, shall be paid by the user, according to the agreement agreed between the parties.

PART V: OWNERSHIP FOR NEW CONNECTION

5.1 Ownership restrictions

- i. The connection lines in Low Voltage, such as the connection assets shall always be on the ownership of the Distribution System Operator.
- ii. Regarding the Users or the Applicants that require a connection point in Medium Voltage, the ownership restrictions shall be defined on each case from specific agreements between the parties.
- iii. The ownership assets for new connection, that is added to the existing grid belongs to the user, to the complete depreciation of the assets or the termination of the issued authorization, based on the connection agreement, signed between the parties. After such depreciation of the connection assets, their ownership belongs to the network operator. The connections are operated from network operators, that are responsible for their maintenance. The maintenance cost is paid from the user, according to the provisions made on point 4.15 of this Regulation.

5.2 Ownership rights on immovable property

- i. The Distribution System Operator may purchase or has the usufructuary right free of charge on immovable property to the electricity cabin, according to the provisions performed to the effective legislation.
- ii. The usufruct shall be established with a notary agreement between the parties, shall be registered to immovable property registers and shall be realized in conformity with the provisions of the Civil Code of Albania, as amended.
- iii. The switch of the immovable property owner shall not violate the usufruct 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 This Regulation is subject of review, with ERE Board decision according to the Regulation for ERE Organization, Operation and Procedures.
- 6.3 This Regulation becomes effective after the publication at the Official Gazette.

ANNEX I – Self -declaration Form

Application for new connection/additional power/contract transferring for 0 - 20 kW

Personal/company data

Name.....

Paternity

Surname

ID No

NUIS.....

Address of the Facility

.....

No. phone number

.....

.....

E-mail :

.....

.....

In case of additional power / contract transferring (the Code of the Contract)

.....

Category/Entity (household /private/common environment)

.....

Required power

Installed power

Referring to the Regulation for new connections to the distribution system, approved with ERE Board Decision no. 166, dated 10.10.2016, amended with point 1.11

“The responsibility of the internal electricity installations of the applicant”:

I _____ declare that for the surveillance of all internal installations and grounding of the facility are performed by an electricity engineer/studio (name,surname, license no, ID no) in conformity with the technical conditions and the effective legislation.

I _____ the undersigned
Mr/Mrs

_____ being aware of the legal responsibilities deriving from the declaration and submission of the false data and circumstances, under my personal responsibility declare that the submitted data on this form is true and respecting Law no. 9887 “On the protection of personal data”, I freely authorize the institution, to process and use my personal data, for statistic purposes and review the application, to provide the electricity supply service in conformity with the obligations deriving from the effective legislation.

Declarant’s Signature

Signature Date

ANNEX II - 3.5 Documentation required for the connection of generation resources

- **Point 3.5.1 “Hydro generation resources”**

1. Request for distribution grid connection (Application Form).
2. Copy of the ID card.
3. Gen-Plan of object location.
4. Map showing the on-site location of the object in a suitable scale.
5. The longitudinal profile of electricity connection and all other technical details related to it.
6. The complete project of the node for connecting the new object to the distribution grid.
7. Copy of the license of the electrical engineer who carried out the design.
8. Electricity contract for personal needs.
9. Concession contract (or approval from the Ministry) for the construction of the generation resource.
10. Maximum power actively and reactively generated.
11. Internal principle scheme of the generation source with all the technical details.
12. Type of the generator synchronous with its parameters.
13. Main parameters of the power transformer.

- **Point 3.5.2 “Photovoltaic generation sources”**

1. Request for connection to the distribution grid (Application Form).
2. Copy of the ID card.
3. Gen-Plan for the location of the object.
4. Map showing the on-site location of the object in a suitable scale.
5. Longitudinal profile of the electricity connection and all other technical details related to it.
6. Complete design of the node how to be connected with the new object to the distribution grid.
7. Copy of the electric engineer license that performed the design.
8. The electricity contract for personal needs.
9. Concession contract (or the approval from the Ministry) for the construction of the generation resource.
10. Maximum generated power.
11. Principal internal scheme of the generation resource with all the technical data.
12. Main parameters of the power transformer.

13. The technical manuals and schemes of the PV system products, such as: panels, intervals, cables etc.

- **Point 3.5.3 “Aeolian/wind generation resources”**

1. The request for the distribution grid connection (Application Form).
2. Copy of the ID card.
3. Gen-Plan of the object’s location.
4. Map showing the on-site object’s location in a suitable scale.
5. Longitudinal profile of the electricity connection and all the other technical details related to it.
6. Complete project of the node how the new object to be connected to the distribution grid.
7. Copy of the electric engineer license that carried out the design.
8. Electricity contract for personal needs.
9. Concession contract (or approval from the Ministry) for the construction of the generation resource.
10. Maximum generated load.
11. Principal internal scheme of the generation resource with all the technical details.
12. Main parameters of power transformer.

ANNEX III - 3.5.4 Self-producers with the respective documentation mentioned as follows in three sub-categories allocated according to power, as follows:

- **0-10 kWp**
 1. Demand.
 2. Declaration of its medium consumption during the year according to the consumption history of the last two years or in the absence of such history, the audit electricity report issued from the certified audit together with the respective certificate and the proposal for the installed capacity.
 3. Proposal regarding the metering model with both directions net metering schemes and its technical characteristics according to DSO standards.
 4. Technical report.

5. Original copy of the testing certificate of the system that is signed from the licensed designers for the renewable solar energy production plants from (cat.10c) and the licensed contractors for the construction of electricity production plants (cat. NP-IOA), along with the confirmation of self-producers of PV system.
6. Technical manuals and datasheets of the PV system products, i.e panels, inverters, cables, etc.
7. License of the design engineer, that shall have IOC point to the design licence and the NPIO for implementation.
8. Identity Card.
9. Number of the customer existing contract (without debt) with the same capacity with the capacity of the self-production plant.
10. Ownership document of the object where shall be constructed the photovoltaic plant.

- **11-50kWp**

1. Demand
2. Declaration of its medium consumption through the year according to the history of the latest two years or in the absence of the history, the electricity audit report issued from the certified audit together with the respective certification and the proposal for the installed capacity.
3. Approved project from natural and legal persons licensed for the construction of the PV plant to the distribution grid, according to the Distribution Code approved by ERE.
4. Proposal regarding the metering model in both directions the net metering scheme and its technical characteristics according to DSO standards.
5. Technical report.
6. Original copy of the testing act of the system, signed from licensed designers for the solar renewable electricity production plant (cat. 10c) and licensed implementors for the construction of the electricity production plants (cat. NP-IOA), together with the confirmation of the self-producer of the PV system.
7. The technical manuals and datasheets of the PV system products i.e. panels, inverters, cables, etc.
8. Data on the main inverter and the characteristics of the production metering characteristics se from it.

9. License of the designer engineer, that shall have point IDC to the production license and NPIO for implementation.
10. Identification Card.
11. Existing contract number (without debt) with the same capacity of that of the self-production capacity plant.
12. Ownership document of the object where shall be constructed the photovoltaic plant.

- **51-500kWp**

1. Demand.
2. Declaration of its average consumption throughout the historical year of the latest two years, the electricity audit report issued from the auditor along with the respective certificate and the proposal for installed capacity.
3. The design approved by natural and legal persons licensed for the connection of the PV plant to the distribution grid, according to the Distribution Code approved by ERE.
4. Proposal regarding the model of the metering in both directions the net metering scheme and its technical characteristics according to DSO standards.
5. Technical report.
6. Original copy of the testing act of the system, that is signed from the licensed designers for the solar renewable electricity production plants (cat. 10c) and licensed implementators for the construction of electricity production plants (cat. NP-IOA), along with the confirmation of the self-producers of the PV system.
7. The technical manuals and datasheets of PV system products, such as: panels, inverters, cables, etc.
8. Data on the main inverter and the characteristics of the production meter set by it.
9. License of the design engineer, that shall have IOC point to the license for the design and NPIO for implementation.
10. Permission from the municipality to perform “the Constructions that shall be carried out with the prior construction permission” Council of Minister Decision no. 408, dated 13.05.2015 “On the approval of the regulation for territory development”, as amended.
11. Identification Card.

12. Number of the customer's existing contract (without debt).

13. Ownership documentation of the object where shall be constructed the photovoltaic plant.

ANNEX 3

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

T1 – STUDY TARIFF AND THE APPROVAL ASSESSMENT OF THE PROJECT

T1 is a fix tariff, that relates to the costs of the study of the project for the new connection and the study and update of the connection point with GIS Methodology. According to customer's categorization and the voltage level where the new connection is required, it is defined that:

- 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, connection modification and connection transferring – T1= 0 ALL

T2 – DISTANCE TARIFF = 0 ALL

T3 – CAPACITY TARIFF = 0 ALL

T4 – SERVICE TARIFF TO REALIZE THE NEW CONNECTION AND THE INITIAL TESTING OF THE METER

T4 tariff is a fix tariff for the services to realize the new connection and the initial verification/testing of the meter. This tariff is composed of these elements:

- 1) Tariff for grid update 1500 ALL
- 2) Administrative expenses1000 ALL
- 3) Tariff for the initial verification/tesing of the metters
 - single-stage
 - three – stage

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