# REGULATION OF THE PROCEDURES OF NEW CONNECTIONS AND THE MODIFICATION OF THE EXISTING ONES IN THE TRANSMISSION SYSTEM

## 1 General provisions

### 1.1 Purpose and Object

1. The purpose of this regulation is to define the necessary rules and procedures for the realisation of a new connection or the modification of an existing one in the transmission system by a process that is based on respecting the non discrimination and transparency principles for all the parties.

2. This regulation handles the procedures for new connection or the modification of the existing connections, the methodology of calculating the connection costs; the connection agreement and the complete mutual obligations regarding the deadlines, ownership restrictions, the metering poing of exchanging the information, the financial obligations and the respective technical conditions.

### 1.2 Legal basis and interdependence

1. This regulation is drafted based on articles 21, 27 and 28 of Law 43/2015 "On Power Sector".

2. This regulation is interdepended, interpreted and implemented in conformity with the legal framework in general and especially the Transmission Grid Code/Connection Code.

### 1.3 Terms and definitions

1. All terms used in this regulation shall have the meaning and be interpreted as defined on Law no.43/2015 "On Power Sector", the Transmission Grid Code and Annex 1 of this regulation.

2. Any term used in these rules for which there does not exist a definition according to the above point shall be interpreted in the context of Law no. 43/2015, "On Power Sector" and the secondary acts issued for its implementation.

### 1.4 Communication method

As communication form shall be the one with official letters. Throughout the various steps of implementing the procedures may be accepted even the communication by e-mail between the parties and for the purpose of quick communication which anyhow shall be considered valuable if it is accompanied with the official letter.

## 2.The procedure of applying for new connection or modification of existing connection with the transmission system and the exchange of information

### 2.1 Guideline principles of the application procedure

1. The application for new connection or the modification of the existing one with the transmission grid is submitted by the applicant in conformity with the definitions of this Regulation and the provisions of the Transmission Grid Code/ Connection Code, respecting the requirements and obligations regarding the deadlines, documentation and the respective technical conditions.

2. The applicant which has submitted the application for new connection or the modification of the existing one shall provide to TSO all the necessary assistence with the data according to TSO requests

3. TSO shall ensure to the applicant the assessment of the costs for realising the required connection or the modification of the existing one according to the definitions of this regulation, the deadlines for the process of the request and the realisation of the connection with the grid and any other information or necessary guideline according to the provisions of the Transmission Grid Code and this regulation.

4. The applicant and TSO company shall make initial discussions for the possible connection or modification. As part of these discussions, TSO may provide a prior and temporary evaluation for the new connection or the modification of the existing one. These preliminary discussions shall not form an application by themselves and shall be in full confidentiality.

### 2.2 The application process and steps

1. The application for new connection or the modification of the existing one, with the transmission grid beginns with the formal submission at TSO company of the application form defined on Annex 2 of this regulation and shall be accompanied with the documentation describen in details on the Transmission Grid Code/ Connection Code.

2. The applicant shall complete the application refering to the Standard data of Plannification, according to the tables of Annex A – the "Categories and the plannification data" of the Transmission Grid Code. When necessary from the technical point of view, TSO may define additional technical criteria/requirements from those submitted in the Transmission Grid Code, but in all cases shall inform the other party within the deadlines defined in this regulation and the Connection Code.

3. In taking the application TSO, makes the study "On accepting the new connection or modifying the existing one" in the transmission system grid. TSO examines if the submitted documents and the information submitted by the applicant are complete and in conformity with the requirements of this regulation. TSO, communicates to the applicant its response for accepting or refusing the application within 60 calendar days from the date of delivering the application.

4. When in the application it is missing any of the documentation or information provided in this regulation, or if TSO requires additional data or information from the applicant, according to point 2 the applicant is obliged to submit the required documentation within 30 calendar days from the notification date for its complete. In this case the deadline for accepting or refusing the application according to point 3 shall be 90 calendar days from the date of submitting the application.

5. If the applicant does not submit the required documentation within the period specified on point 4, TSO company shall refuse the application.

6. With the submission of the complete information required by TSO company, this last one mentioned based on the study "On the acceptance of the new connection or the modification of the existing one", within the period defined on point 4:

   a) submits to the applicant the Connection Bid specifying the connection point/location or solution that is technically more optimal and by technically coordinating the requirements for connection with the grid submitted by other applicants; or

   b) if after the study "On accepting the new connection or modifying the existing one" , results that the optimal solution shall be the connection in the medium voltage grid, then the application request is officially returned to the applicant with this argumentation; or

   c) in case of a negative response, notifies the applicant for the refusal of the application, giving the respective argumentation for the reasons of this decision.

7. The applicant within 60 calendar days from receiving the bid for the Connection, shall officially inform TSO company, for accepting or refusing it by the Acceptance Declaration. If the Connection Bid according to letter (a) above is not accepted by the applicant or the applicant does not inform TSO within the defined period, then the application process for the connection restarts from the beginning.

8. If the applicant accepts the Connection Bid, the validity period for the connection bid is 18 (eighteen) months from taking the connection bid from the Applicant. In the application submitted at TSO company, the grid user shall have submitted the period for the construction and energisation of its facility.

9. After accepting the Connection Bid from the applicant, implementing the performed study on "Accepting the new connection or the modifying the existing one", TSO shall verify, examine and access the complete application according to the requirements of the Transmission Grid Code/Connection Code. The applicant, within 16 (sixteen) months from receiving the connection bid from TSO, submits the request for connection according to the Standard Agreement defined on Annex 4 of this regulation.

10. TSO company and the applicant shall sign the Connection Agreement together with the respective annexes within 18 (eighteen) months from receiving the Connection bid, taking into consideration the technical conditions and requirements.

## 3. Types of the new connection or the modification of the existing one

1. The types of the new connection or the modification of the existing one with the transmission grid are:

   (a) Standard connection or modification – the new connection or the modification of the existing one by the connection assets, in the transmission grid, without interfering to improve the existing infrastructure or to improve the operation of the grid, to fulfill the compliance with the Transmission Grid Code;

   (b) Reinforced connection or modification – the new connection or the modification of the existing one where except of the connection assets are required additional investments or interventions to improve the existing infrastructure or improve the operation of the grid to fulfill the compliance with the Transmission Grid Code;

   (c) Not-standard connection or modification – the new connection or the modification of the existing one which does not constitute any of the cases provided on letters a and b of this paragraph, but requires special conditions to be handled by TSO.

2. Categorising the application for connection or the modification of the connection as standard, reinforced or not-standard shall be refering to the assets basis regulated by TSO acknowledged by ERE

3. The new connection or the modification of the existing one which is not coordinated in the Long-term and Mid-term Plan of developing the grid and the Investment Plan approved by ERE, shall be considered as reinforced connection.

4. The new connection or the modification of the existing one with the transmission grid according to the type (standard/reinforced/not-standard) may be realised (on the same time or in different times) and shall be considered as a joint connection where two or more users use this connection. In this case the costs for realising the connection or the modification of the connection including the reinforcements or the improvements in the transmission syste, and the and the repair and maintenance costs are shared between the users in the function of the installed capacity, the technical project and the final implementation-project, according to the definitions of this regulation while the tariffs according to paragraph 4.6 are paid by each of the users.

5. The explanatory illustration for the type of connection are submitted on Annex 3 of this regulation.

# 4. Methodology of calculating the costs and tariffs for the new connection or the modification of the existing one

## 4.1 The principles of identifying anc calculating the costs for the new connection or the modification of the existing one or maintaining the connection

1. For the purpose of this regulation, the identification of connection and maintenance costs, the repair and operation of the connection or the respective modifications shall take into consideration and reflect the real conditions of the system regarding the level of losses in the grid, the limited capacity in different parts of it or may be caused by the new connections or the modifications of the existing ones, the necessary costs of the infrastructure investments that enable the connection with the grid, the respective administrative costs of reviewing, following and finalizing the new connection procedure or the modification of the existing one as well as the costs for the maintenance and repair (scheduled/preventive/correcting maintenance) of the connection.

2. In all cases the identification of the costs shall take in consideration:

   (a) the purpose of the conncetion or modification;

   (b) the users status (existing /new user);

   (c) aimed connection point and the user's capacity;

   (d) generation/consumption profiles;

   (e) the costs to reinforce or improve the existing infrastructure or improve the operation grid including the expropriations when necessary;

   (f) managing, maintaining and repairing the connection, as well as

   (g) other characteristics necessary for the connection.

3. The costs are identified and calculated based on the legal and by-legal acts in force, the Council of Ministers Decision for the technical and safety rules in the power sector in conformity with Article 34, of Law no. 43/2015 "On Power Sector", the technical standards in force, the Summary of the Construction Legislation especially "the technical manual of the prices for the construction works and their technical analysis" (updated) and the situations for realizing the works, refering even to the maximum limit the approximate cost estoimated by TSO company, according to the procedures of accessing similar projects realized on its account.

4. The identification of the costs according to this rules above all aims at encouraging the user to unbundle the connection assets, when technically possible, by promoting the ecconomic and technical efficiency in ensuring the assets and covering the costs which may be realized and jointly met between the users.

## 4.2 Costs for connections or standard /reinforced modifications

1. The costs for connection or standard/reinforced modifications in conformity with the provisions of paragraph 4.1, point 3, but without being limited, include:

    (a) Costs for the feasibility study (investigation, accessing the resources, environmental accessions);

    (b) Costs for developing the process (negotiation, permissions and authorisations, financing, project management);

    (c) Engineering costs (technical studies, projecting, tendering, contracting, transport, construction-installation of the equipments including the managing, training, supervision, commissioning and transferring systems);

    (d) Other costs necessary for connection with the transmission system;

## 4.3 Costs for connections or not-standard modifications

1. TSO company shall identify case by case the costs accompanying the connection in the grid or the modification of the existing connection with special conditions of the connection point by defining the costs that shall be charged to the user.

2. TSO shall identify case by case the costs and the benefits accompanying the special circumstances of the producers in distant areas and areas with low density of the population.

3. Within the meaning of point 2 above, TSO in addition to calculating the costs according to the provisions of this rule, when it considers neccessary and reasonable may conduct even a cost -benefit analysis regarding the submitted application, as follows:

    (a) The cost-benefit analysis shall be conducted implementing one or some of the calculating principles as follows:

        i. NPV (Net Present Value);

        ii. ROI (Return of Investment);

        iii. IRR (Internal Rate of Return)

        iv. BEP (Best Environmental Practices)

    (b) The quantitative benefits:

        i. improving the security of supply, reducing the duration of the supply interruption and the reduction of accompanying costs during the time of interrupting the supply;

        ii. the well-functioning of the electricity market, corss-border exchanges and the integration of the renewable resources;

iii. stability of frequency, reserves, reactive energy security, congestion management and the protection measures.

## 4.4 Costs for maintaining the connection assets

1. Maintenance costs for the connection assets according to the final implementation-project are identified in an analytical way according to the principles defined on paragraph 4.1 and are calculated on annual basis on 2% measure of the initial value of the connection investment, including the additional investments or interventions to improve the existing infrastructure or to improve the operation of the grid throughout the durability of the connection assets.

2. Maintenance costs shall start to be paid by the user immediately after the termination of the technical guarantee for the connection assets, but not later than 12 months from setting them into work, in conformity with the maintenance agreement that shall be connected between TSO and the user.

## 4.5 Covering the costs for new connection or the modification of the existing one and maintenance

1. In all cases the costs for connection or the modification of the existing one, with the transmission grid are afforded by the applicant.

2. In cases where the connection or the modification of the connection with the transmission system is realised by TSO company, the identified costs according to point 4 are prepaid to TSO from the applicant.

3. In case of lack of the necessary capacities for the connection or the modification of the reinforced connection in the transmission system, the applicant shall afford the costs to improve the transmission system, based on an agreement between the parties according to point 5.2

4. In case of joint connections the users cover the connection cost and the maintenance, repair costs proportionally with the installed capacity and the complexity of the connection in the function of the connection point according to the TSO company assessment.

5. In case of a joint connection or where a new applicant, based on the technical conditions of the grid, with an authorisation by TSO company, is connected in the transmission system by the new connection assets realised by an existing user ( the previous applicant), shall pay to the last one mentioned a fair compensation of the costs for the performed investment, based on the provisions of this rule. The new user and the existing one shall agree regarding the ownership rights of the connection assets.

6. The compensation value shall be calculated as follows :

$$V_{komp.} = (V_{invest.} - V_{amortkom.}) \times \frac{P_{instperd.}}{P_{efekt.}}$$

$V_{comp.}$ – compensation value in ALL
$V_{invest.}$– initial value of the connection investment, including the additional investments or interventions to improve the existing infrastructure or improve the grid operation
$V_{amort.kom.}$ – cumulative value of the annual depreciation according to the fiscal norms in ALL
$P_{inst.perd.}$ – installed capacity of the new users in MW
$P_{efekt.}$ – effective capacity of the grid in the connection point in MW after performing the initial investment

7. Maintenance and repairing costs according to paragraph 4.1 and 4.4, shall be prepaid to TSO company from the user or users proportionally in case of joint investments, on annual basis and as appropriate or according to TSO request when it is required an intervention for repair or connection correction.

8. TSO shall make a connection agreement, after the parties have submitted at TSO the agreement that regulates the issues provided from points 5-7 of this paragraph.

9. The damaged assets unrecoverable way are substituted with new assets. Exept of the payments for the maintenance costs the substituted costs with new assets are afforded by joint user/users, in conformity with the agreement provided on point 8.

## 4.6 Connection tariffs

1. The connection tariffs shall be applied by TSO for all applications submitted for a new connection or the modification of the existing one to cover the administrative costs of TSO company, to review , follow and finalize the new connection or modification the existing connection procedure.

2. The conenction tariffs are paid individually by the applicant in case of joint connections.

3. The connection tariffs consist in:

   (a) **Application Tariff** (tariff to cover the costs of the acceptance study of the connection or its modification in the transmission grid, preparing the documentation for the connection agreement with the user or necessary amendments). This is a fix tariff and shall be paid on the amount **500,000.00 ALL** by the user in the application moment.

   (b) **Supervisory Tariff** ( tariff to cover the costs for control and estimation of the technical project, supervision of construction, testing and commissioning of the connection/modification). This tariff shall be variable in function of the full power requested, declared by the user and shall have the value **50 ALL /KVA**, but in all cases it shall not be higher than the limit value **2,500,000.00 ALL**. The payment of this tariff shall be made by the applicant in the moment of signing the Connection Agreement or its amendment in case of existing connections and is a pre-condition for signing the Agreement.

4. TSO shall publish on its website the actual value of the Application and Supervirory Tariff.

5. The payment for connection tariff is done by bank transfer according to the calculation of TSO company based on the above definitions and is non - refundable in any circumstance.

# 5. Connection with the transmission system, cancellation and de-energization

## 5.1 Type agreement of the connection

1. Between the parties shall be signed the Connection Agreement according to the standard agreement (Annex 4). In the connection agreement shall be specified the general conditions of the connection and any specific technical and financial condition applied in that connection, in conformity with the Transmission Grid Code/Connection Code,Metering Code and this regulation regarding the control and maintenance of the equipments, the operation, responsibilities for the safety of the staff, ownership limits, the metering points etc.

2. Except of the above mentioned the connection agreement shall detail the technical and operational requirements for the users regarding the contract of the licensed operators to perform the necessary works for the connection with the transmission grid to guarantee the work safety, operation safety, the quality and standards of realizing the project.

3. The modification of the existing connection shall be accompanied in each case with the eventual amendments of the standard agreement of the connection which reflect the real technical, financial and ownership situation.

## 5.2 The agreement to improve the system

1. In case of lack of necessary capacities for the connection to the new users, besides the connection agreement, TSO shall sign an agreement with the party requiring to improve the system, to make possible the required connection, with the condition to afford the costs from the requesting party. This agreement shall be approved by ERE, after the proposal by TSO company.

2. This agreement shall specify in details the issues regarding the costs for improving the system or other issues.

3. The same practice shall be followed in case of modifying the existing connection which shall be accompanied with the need to reinforce and improve the grid and increase the necessary capacities.

4. In any case the respective agreement is amended by reflecting the new technical, financial and ownership situation.

## 5.3 Compatibility and operational notifications

1. In conformity with the Transmission Grid Code/the Connection Code, the rule and the respective connection agreement, according to the details and the deadlines required in the agreement, the applicant is obliged to submit a periodic report and a final performance certification of his connection infrastructure with the transmission grid, explaining the fulfill of the quantitative and qualitative terms of the technical requirements and the operational criterial specified in the Transmission Grid Code, as well as the additional requirements provided by the law, the bilateral agreements and/or as required by TSO.

2. The operational procedure of the notification for connection for each user is performed in conformity with the respective provisions of the COMMISSION REGULATION (EU) 2016/631 and [NC DC] and is detailed as follows:

    (a) Energisation Operational Notification (EON);

    (b) Intermediate/temporary Operation Notification (ION),

    (c) Final Operation Notification (FON), and

    (d) Limited Operation Notification (LON).

3. The user shall provide assistance and all the necessary collected information for TSO the data to verify the fulfill of the technical and performance requirements.

4. It is recommented that the user to be consulted and control with TSO the relevant issues on an early stage of the project to enable the necessary connections before the project of realizing the connection/modification is subject to the verification of full compatibility for the effect of the final commissioning and energisation of the connection.

5. The respective group of commissioning the new connection or the modification of the existing connection together with the operational notifications, drafts even the Technical Permission for the new connection or the modification which contains the technical documentation describen in the Transmission Grid Code/the Connection Code. The Standard Agreement of the Connection is a component document of the Connection Technical Permission.

## 5.4 Emergent connections

1. In unforeseen cases and circumstances it is necessary to be provided emergent connections with the transmission grid . In this case the connection shall be performed with the condition that:

    (a) To the applicant it is approved a temporary suspension according to the procedures in the Transmission Grid Code;

(b) The applicant shall pay the connection tariff according to paragraph 4.6 and any other cost within the meaning of paragraph 4.5;

### 5.5 The cancellation (termination) of the connection and de-energization

1. When a user wants to cancel the electricity connection with the transmission grid and terminate the connection agreement, he shall inform TSO 3 months in advance. TSO has the right to transfer for free in its ownership all the assets that have the trasmission function.

2. The de-energization of the connection shall not be considered as the termination of the connection agreement .

## 6. Ownership of the assets and access

1. The ownership limits between the transmission grid and the user of the system and the access in the respective assets are defined according to the provisions of Law no.43/2015 "On Power Sector" and the Grid Code and are component parts of the connection agreement, detailed and accompanied with the necessary and suitable graphical description and submission.

2. The generators that generate energy from renewable resources, have priority in the access of the electricity grids.

3. The ownership of the connection assets added to the existing grid is of the user, until full depreciation of the assets or by the end of the given authorisation, based on the connection agreement signed between the parties. After full depreciation of the connection assets their ownership passes without any return, to TSO company.

4. TSO company, based on the technical conditions of the grid, authorizes the connection of a new user in the transmission system, by the new connection assets realized by a previous user to the compensation according to the assessments of TSO company in conformity with the provisions of this regulation.

5. In cases where TSO accesses the importance of the connection assets, in the development of the transmission or distribution grid, or when these assets serve to more than one client, has the right to take take in ownership a part or all the connection constructed by the user, according to the civil legislation, to a full compensation of the costs calculated in conformity with Law no.43/2015 "On Power Sector" and this regulation taking into consideration even the technical and financial depreciation of the connection assets.

6. In all cases the owneship transfer is proceeded according to the legislation in force.

## 7. Final provisions

1. All the applicants shall be treated on non discriminatory basis, unless when there are technical authentic reasons for differentiations.

2. All the communication between the Applicant and the TSO is confidential. TSO shall not discuss the issues with the third parties unless this is permitted in the written form by the user and in cases when this is required by the legislation in force.

3. Any Applicant has the right to complaint at ERE for the refusal of the connection or any other disagreement with the TSO regarding with this regulation.

4. These rules are object of review and amendment by ERE Board, in conformity with the Rules for ERE Organisation, Operation and Procedures.

5. This regulation enters immediately into force and shall be published in the Official Gazette.

## 8. Transitory provisions

Any application made before the entry into force of this regulation shall be handled according to the provisions of the "Guideline on the application and tariffs for new connection or modification of existing connection in the electric grid of TSO company." (approved by ERE with decision no.02, of date 10.01.2011).

## ANNEX 1

**Quantitative cost-benefit analysis** - Shall mean the analysis of a situation, event, or alternative, especially a proposal, by complex, technical, mathematic and statistic modelling.

**Cancellation** - Shall mean the act of termination between the parties of a regulated agreement from the connection agreement. The termination of the connection agreement shall be treated on the connection agreement itself.

**Aplication**- A formal request respecting the form, content and the deadlines according to the definitions of this regulation for the connection with the transmission grid and or the modification of the existing connection including and/or because of amendments in the generating capacity or the load.

**Applicant** - shall mean the user existing or potential entity performing the application for new connection or modification of the existing connection with the transmission grid.

**Connection assets** - shall mean the complete plants and equipments installed or to be installed to realize the connection of the user with the transmission grid or that shall be modified in case of existing users, in conformity with the connection offer, according to the definitions of the Transmission Grid Code/Connection Code.

**The basis of the regulated assets** - Shall mean the complexity of lines, substations, service buildings, installed plants and equipments recognised by ERE as TSO assets and are taken in consideration in the process of calculating and approving the electricity transmission tariff.

**De-energisation**- The physical act separating/disconnecting the systems/objects of the transmission grid users from the transmission grid without terminating the legal relation between the parties.

**Documentation** - Shall mean the complexity of data, studies, technical and graphical projects, calculations, permissions or authorisations from third parties which are required and accompany the application.

**Approximate cost** - Preliminary qualitative assessment of the connection cost based on the internal procedures of TSO company and the data from similar projects.

**Maintenance and repairing costs**- The costs of realizing the preventive periodic interventions and/or corrective ones to maintain the plants and equipments in good working conditions in conformity with the standards and technical/security requirements.

**Ownership limits** - The legal and ownership unbundling between the transmission grid and the users and/or between the users in cases of common connections.

**Emergent connections** - The connection of a user in the conditions of a temporary suspension according to the procedures in the transmission grid.

**Reinforced connection/modification** - The modifications of the existing or new connections of the users when except of the connection assets are required additional investments or interventions to improve the existing infrastructure or to improve the operation of the grid to fulfill the compatibility with the Transmission Grid Code.

**Non standard connection/modification** - The modification of the existing connections or new connections within the meaning of paragraph 4.3.

**Standard connection/modification** - Modifications of the existing connections or new connections of the users, by the connection assets in the transmission grid, without interventions to improve the existing infrastructure or improve the grid operation, to fulfil the compatibility with the Transmission Grid Code.

**Technical handbook of the prices for the construction works and their technical analysis** - The periodic buletin of the prices for the construction works and of the prices for the technical analysis, obligatory to be implemented, according to point 2 of Council of Ministers Decision no.514, of date 15.8.2007. The buletin shall be updated each year and shall be published in the official gazette.

**The agreement to improve the system** - The agreement between the TSO and the user, proposed by TSI and approved by ERE, with the object to improve the system and increase the capacities to enable the connection of the user in the grid.

**Standard connection agreement** - Shall mean the agreement between TSO and the user of the grid for the connection in the transmission grid in conformity of the conditions and requirements of the Transmission Grid Code.

**Ownership** - Transfer of the legal and ownership rights and obligations from one party to another by recognised and defined practices from the legal respective framework.

**Final operational notification** - The notification issued by TSO for the user that fulfills the respective specifications and requirements, allowing them to operate by using the grid connection.

**Operational notification of energisation** - Shall mean the notification issued by TSO to the user before the energisation of his internal grid

**Intermediate operational notification** - Shall mean the notification issued by TSO to the user that allows them to operate their plants and equipments by using the connection with the grid for a limited time and to begin the compliance texts to ensure the compatibility with the respective specifications and requirements.

**Limited operational notification** - Shall mean the notification issued by TSO that has previously achieved the FON(Final Operational Certification) status but is temporary object of a significant modification or of losing the capacities that results in non-compliance with the specifications and the respective requirements.

**Compatibility** - Shall mean the declaration/document submitted by the new or existing user for the TSO where it is declared the actual compatibility status with the respective specifications and requirements according to the connection offer and the Transmission Grid Code

**Metering point -** the commercial connection point shall always be on high voltage capacity transformer side (the connection transformer with the transmission grid), according to the specifications of the Metering Code

**User** - Shall mean the natural or legal persons connected with the transmission grid and that operate generation units, loads or electricity distribution grids.

**Summanry of the construction legislation** - Shall mean a summary of the respective legal framework for the

sector, edition of the Official Publication Center.

**Investment plan** - The investment plan in the transmission grid is drafted by TSO and approved by ERE.

**Long-term development plan** - Shall mean the term drafted by TSO and approved by ERE regarding the planification of the investment needs in the generation, transmission and distribution capacities on long-term basis, to meet the request for electricity and security of uninterrupted supply of the electricity customers.

Final draft-implementation, - shall mean the technical documentation submitted by the user and accepted by TSO which submits the amendments from the country regarding the original documentation for the construction of the connection assets.

**[NC DC]** - Shall mean the ENTSO-E Code for the Load Connection

**[COMMISSION REGULATION (EU) 2016/631** of 14 April 2016 establishing a network code on requirements for grid connection of generators**]**-.

**Connection offer -** Shall mean the communication/official response of TSO for the applicant, with limited time validity according to the provisions of this regulation, regarding the application submitted for connection or modification of the existing connection and contains relevant instructions and the identification of any mutual obligation of the parties and the necessary technical information for realising the connection or the modification.

## ANNEX 2

The application form for the user/load

| | |
|---|---|
| Applicant | |
| Contact person | |
| Applicant's contact information | |
| Type of application<br>*Specify: (A) new connection / (B) modification of the existing connection*<br>*If (B) please describe the required modification* | |
| Location of the proposed substation<br>*Attach the graphical/map submission* | |
| Required date for termination | |
| Proposed number of the transformers<br>*Attach the plan scheme of the proposed substation* | |
| Maximum load to be supplied (in MW) within 10 years from the connection period | |
| Maximal factor of the inductive and capacitive load | |
| Responsible party for the connection | |
| Submission of the technical relevant information according to the requirements in the Transmission Grid Code / Connection Code | |
| Submission of other relevant information which help in reviewing the application | |
| Connection tariff<br>*Bank transfer on the account of TSO company.* | |

I the undersigned, confirm that all the information submitted above is accurate on the basis of my best knowledge. I shall inform TSO company for any amendment of these data as soon as possible to be aware of the relevant amendments.

Name: _____
Signature: _____
Date: _____

Application form for users/generaors

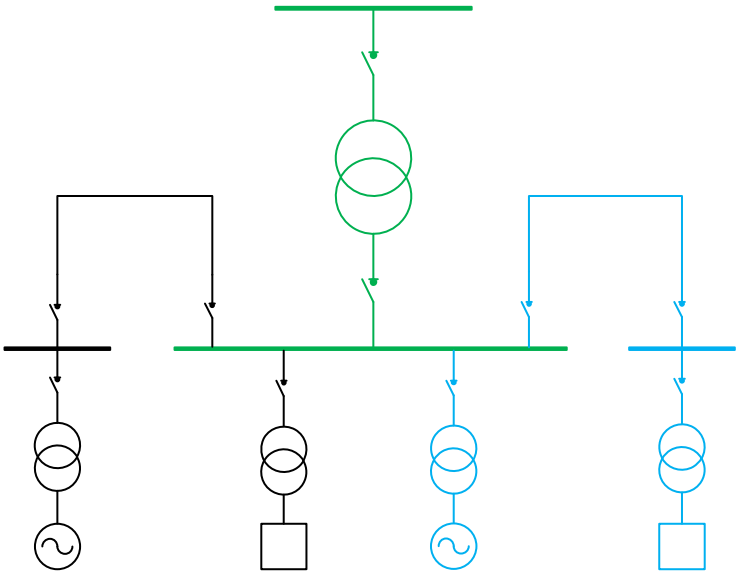
| | |
|---|---|
| Applicant | |
| Contact person | |
| Applicant's contact information | |
| Type of application<br>*Specify: (A) new connection / (B) modification of the existing connection*<br>*If (B) please describe the required modification* | |
| Proposed location of the susbstation<br>*Attach the graphical/map submission* | |
| Required date for termination | |
| Stage of the project<br>*Attach the details of the timeline* | |
| If this is a TPP the type of the fuel | |
| If it is a HPP please attach the full hydrological details<br>If WIND please attach the weather information<br>If PHV attach the information on the radiation kWh/m2/d | |
| Proposed number of the generators/pannels and their sizes in (MW)<br>*Attach the plan scheme of the substation* | |
| Maximum generation (MW) | |
| Maximum stable generation (MW) | |
| Maximum MVA granting and MVA taking | |
| Responsible parties for the connection | |
| Submission of the relevant information according to the requirements of the Grid Transmission Code/Connection Code | |
| Submission of other relevant information which shall help to review the application | |
| Connection Tariff<br>*Bank transfer in the account of TSO company.* | |

I the undersigned, confirm that all the information submitted above is accurate on the basis of my best knowledge. I shall inform TSO company for any amendment of these data as soon as possible to be aware of the relevant amendments.

Name: _____
Signature: _____
Date: _____

# ANNEX 3

The following schemes are only for illustration and does not submit all the real possible situations and also can not be used to interpret the rights and obligations of the parties in the function of this regulation.



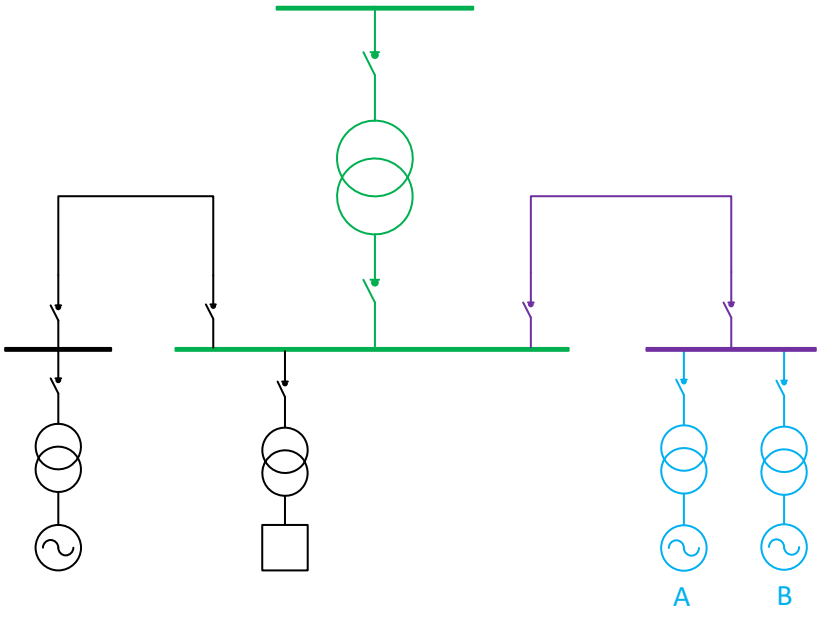
**Picture 1 Standard Connection**

(Existing user, New User)

Green color: Existing infrastructure in the transmission system

Black color: (Existing infrastructure of the user)

Blue color: New user infrastructure (connection assets)




**Picture 2 Standard Connection (joint one)**

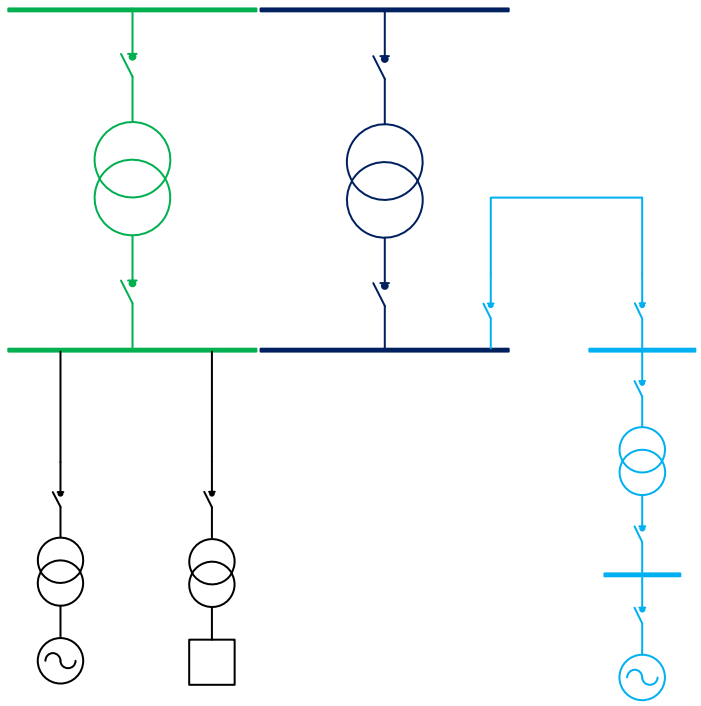
(Existing user, New User)

Green color:Existing infrastructure in the transmission system

Black color:Existing infrastructure of the user

Blue color: New user infrastructure (connection assets)

Purple color: New users infrastructure (connection assets whose costs are apportioned)



**Picture 3 Reinforced Connection**

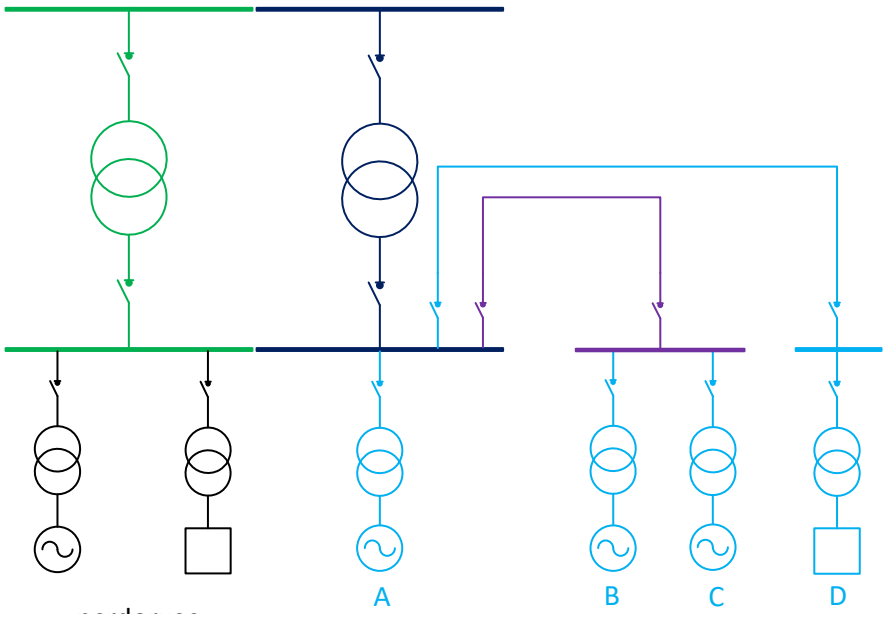
(Existing user, New User)

Green color:Existing infrastructure in the transmission system

Black color:Existing infrastructure of the user

Blue color: New user infrastructure (connection assets)

Dark blue color: Reinforced infrastructure of the transmission system (new user investment)




**Picture 4 Reinforced Connection (joint one)**

(Existing user, New User)

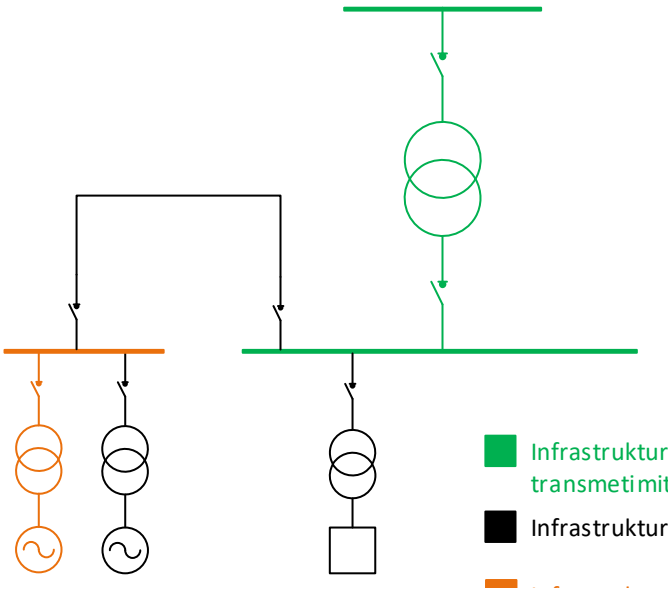
Green color:Existing infrastructure in the transmission system

Black color:Existing infrastructure of the user

Blue color: New user infrastructure (connection assets)

Purple colour:New users infrastructure (connection assets which costs are apportioned between B and C)

Dark blue color: Reinforced infrastructure of the transmission system (immediate investment of the new user A which is apportioned with the new users B,C and D)



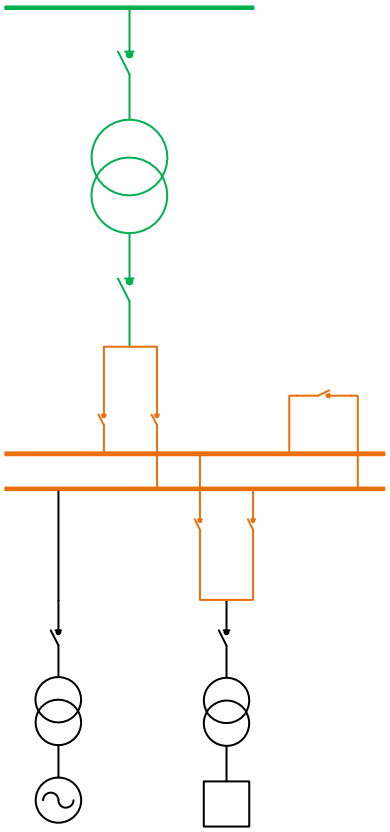

**Picture 5 Standard Modification**

(Existing user)

Green color:Existing infrastructure in the transmission system

Black color:Existing infrastructure of the user

Orange color: New infrastructure of the existing user (modification of the connection because of the increase of one generation unit)



**Picture 6 Reinforced Modification**

(Existing user)

Green color:Existing infrastructure in the transmission system

Black color:Existing infrastructure of the user

Orange color: Reinforced infrastructure of the transmission system (Investment of the existing user for the increase of the security of supply)