

1. Application form

a. Data for the application (to be completed by the applicant)

Based on Law no. 43/2015 “On Power Sector”, I require from ERE the proceeding of this application according to the specifications in the table below, based on the general and technical data attached to this application, in compliance with the legal framework on power sector and the regulation on licensing procedures.

| | | | | | |
|---|---------------------|---|--|--|---|
| 1 | Type application of | <input type="checkbox"/> Licensing | <input type="checkbox"/> Modification | <input type="checkbox"/> Transferring | <input type="checkbox"/> Renewal |
| 2 | Type of license | <input type="checkbox"/> Electricity generation | <input type="checkbox"/> Electricity Transmission System Operation | <input type="checkbox"/> Electricity Distribution System Operation | <input type="checkbox"/> Electricity supply |
| | | <input type="checkbox"/> Electricity trading | <input type="checkbox"/> Electricity Market Operation | <input type="checkbox"/> Electricity closed distribution systems | |

b. Identifying data of the applicant (to be completed by the applicant)

| | | | |
|---|--|--------------------------------|--|
| 1 | Name of the company | | |
| | Registration number at National Business Registration Center | | |
| 2 | Company headquarters | Address | |
| | | Mobile | |
| | | Tel | |
| | | Fax | |
| 3 | Top manager of the company | Name | |
| | | Position he has in the company | |
| 4 | Responsible delegate | Name | |
| | | Address | |
| | | Mobile | |
| | | Tel | |
| | | Fax | |

c. Data for the applicant (to be completed by the applicant)

| | | | |
|---|--|---------------------------------|--------------------------------|
| 1 | I declare that to the applicant has not been removed or refused a license before, for operation in power sector within and outside the country | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| 2 | I declare that as an applicant I recognize the legal framework and I commit to its implementation and of the rules and regulations adopted by ERE for operation in the power sector. | Yes | No |

| | | | | | |
|---|--|---------------------------------|--------------------------------|--------------------------|--------------------------|
| 3 | Declaration of the applicant to perform other activities. If yes, list them in the last column. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--|---------------------------------|--------------------------------|--------------------------|--------------------------|

Note: mark X on the YES box to confirm

2. Legal, administrative and ownership documentation

- a. Foundation act
- b. Statute
- c. Registration certificate and historical extract from National Business Center (QKB).
- d. Certification providing that the person and its top managers if legal persons are not included in a penal process initiated from justice bodies (certification from the prosecution office and the court).
- e. Organization chart and administrative operation of the company. List of the staff according to the profile (in conformity with the activity when the license is required).
- f. Concessionary agreement or authorization from the Council of Ministers in applicable cases in conformity with the respective legal framework as well as amendment of these acts.
- g. Documents that certify the applicant ownership in the project areas (sale-purchase contract, rent contract, donation acts, promising sale-purchase contract, agreements with companies that own the areas where the project is extended for those activities that use assets for carrying out the licensed activity)

3. Financial and fiscal documentation

- a. Declaration for liquidating the taxes and liabilities to Social Security Institution (for the newly established companies a declaration that they do not have payment obligations)
- b. Financial statement for the last three years / or the time of company existence (for the companies with associate other companies to submit the balance of the last one mentioned)
- c. Documents that certify the ability and/or financial support of the applicant, where are clearly expressed the monetary values for financing the financing structure (finance of the applicant, bank loans, donations, others etc.)
- d. Payment certification on ERE account, of the registration payment for the application according to Annex A of the Regulation for the procedures and deadlines for license issue, modification, transferring, renewal or license termination on power sector approved with ERE Board decision no. 109, date 29.06.2016

4. Technical documentation for the TPP

4.1 Technical documentation for the TPP-s (to be completed by the applicant)

| 1 | Data for the generation plant | Unit | |
|----|--|-----------------------------|---|
| 2 | Name | | |
| 3 | Location (registration number of the ownership) | | |
| 4 | Type of TPP | | <input type="checkbox"/> Fossil fuel <input type="checkbox"/> Geothermal <input type="checkbox"/> Biomass /biogas <input type="checkbox"/> Heating from industrial processes of heavy industry <input type="checkbox"/> Motor-generator group |
| 5 | Type of the turbine | | <input type="checkbox"/> Steam turbine <input type="checkbox"/> Gas turbine <input type="checkbox"/> Combined cycle |
| 6 | Fuel type | | |
| 7 | Annual fuel consumption | t/year | |
| 8 | Annual fuel consumption for cooling | t/year | |
| 9 | Steam generation | t/year | |
| 10 | CO ₂ emission | mg/m ³ t/year | |
| 11 | SO ₂ emission | mg/m ³ t/year | |
| 12 | NO _x emission | mg/m ³ t/year | |
| 13 | CO emission | mg/m ³ t/year | |
| 14 | Emission of solid materials | t/year | |
| 15 | Installed capacity | MW | |
| 16 | Number of generating units and the installed capacity for each of them | No * MW | |
| 17 | Output voltage of the generator | kV | |
| 18 | Substation where it is connected | | |
| 19 | Voltage of the distribution/transmission grid where the plant is connected | kV | |
| 21 | Annual electricity generation E _{annual} | MWh | |
| 22 | Annual steam generation | t/year | |
| 23 | Electric efficiency | | |
| 24 | Thermal efficiency | | |
| 25 | Construction year | | |
| 26 | Operational date | | |
| 27 | Expected lifetime of the plant | | |

**4.2 Technical data for the transformation block and connection with the system
(to be completed by the applicant)**

| | | | |
|----|---------------------------|-----------------|---|
| 1 | Transformer generator | | |
| 2 | Capacity | MVA | |
| 3 | Winding voltage | kV | |
| 4 | Winding connection scheme | | |
| 5 | Transmission line | | <input type="checkbox"/> Cable <input type="checkbox"/> Air |
| 6 | Line length | km | |
| 7 | Transmission capacity | MW | |
| 8 | Line voltage | kV | |
| 9 | Type of conductors | | |
| 10 | Conductor's session | mm ² | |

4.3 Technical-graphic documentation

- a. General schematic submission of the plant in A1 form
- b. An electric diagramme in A1 form of the aggregates and the transforming block where are clearly evidenced the connection points with the system and the metering point
- c. Geographical extension of the location where will be constructed or developed the activity by giving exact reference (real estate registration number, cadastral number) and submitted in the map with the scale 1:25000
- d. Topographic map showing the track of the transmission line with the scale 1:25000

4.4 Technic-economic documentation

- a. Technical feasibility study based on real data and measures carried out in the implementation areas of the projects including: general description of the project, climacteric and meteorological conditions for the project area according to the plant type, technical description of the selected elements based on the above data; calculations on which are based the selections made, the study, the calculation and selection of equipment for the connection with the system and energy transmission; study and analysis of the geological-engineering conditions of the area where the project is implemented; study and analysis of the markets and the opportunity to provide fuel.
- b. Graphic of project implementation
- c. Technical appraisal of the project
- d. Business plan giving: annual provisions of the costs, sales, incomes and project financing; investment required for the project realization (final projection); details for each expected substantial flow of the capital, including principal costs for decommissioning (setting out of service), estimation of net annual cash flow for the realization and functioning period of the project to demonstrate financial security and feasibility of the project; information regarding the financial sources and when necessary, based on the case, confirmation from the respective lender. This document should be audited from a licensed audit and describe the period from the beginning of the project until the liquidation of the financing made for the project realization.

4.5 Permission from other institutions

- a. TSO or DSO approval; for the plant connection in transmission or distribution central connection electricity grid
- b. Permission for water usage
- c. Environmental permission from the respective bodies