

**Order no. 48 of June 26, 2014 (\* updated \*)**

Regulation regarding the accreditation of producers of electricity from renewable energy sources for applying the system of green certificates promotion

ISSUER: ROMANIAN ENERGY REGULATORY AUTHORITY

PUBLISHED IN the OFFICIAL GAZETTE no. 477 of June 28, 2014

Effective Date: July 1, 2014

Updated form available on: **November 21, 2016**

This updated form is valid from **1 September 2015** until the **date selected**

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\*) Note CTCE:

Updated form of this bill on November 21, 2016 is carried out by the Legal Department of the SC "Centrul Teritorial de Calcul Electronic" S.A. Piatra Neamt by including all amendments and supplements by: [Order no. 100 July 1, 2015](#); [Order no. 138 of September 1, 2015](#).

The contents of this document belong exclusively to SC Centrul Teritorial de Calcul Electronic S.A. Piatra Neamt and is not an official document by nature, is intended to inform users.

Considering the provisions of [Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, as amended and supplemented, under the provisions of [art. 9 paragraph. \(1\) x\) of the Emergency Government Ordinance no. 33/2007](#) on the organization and functioning of the Romanian Energy Regulatory Authority, approved with amendments by [Law no. 160/2012](#), as subsequently amended,

The President of the Romanian Energy Regulatory Authority issues the following order:

**Art. 1**

The Regulations for the accreditation of producers of electricity from renewable energy promotion system for the application of green certificates set out in the addendum part of the present order.

**Art. 2**

Operators seeking accreditation to benefit from the promotion system through green certificates, accredited economic operators for the application of the system of green certificates promotion, National Company for Electricity transmission "Transelectrica" - S.A. and distribution operators carry out the provisions of this order.

**Art. 3**

Organizational entities within the Romanian Energy Regulatory Authority pursue the compliance of this order.

**ART. 4**

(1) This order shall be published in the Official Gazette of Romania, Part I, and shall enter into force on 1 July 2014.

(2) Notwithstanding the provisions of paragraph. (1), the provisions of art. 21 of Addendum "Rules for the accreditation of producers of electricity from renewable energy sources for applying the promotion system through green certificates" shall enter into force after the authorization by the European Commission of the measures imposed by [art. 6 para. \(7\) b\) of Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, as amended and supplemented.

**Art. 5**

The entry into force of this order is repealed by the [Order of the Romanian Energy Regulatory Authority no. 42/2011](#) regarding the approval of the accreditation of producers of electricity from renewable energy sources for applying the system of green certificates promotion, published in the Official Gazette of Romania, Part I, no. 770 of 1 November 2011, with subsequent amendments.

President  
of the Romanian Energy Regulatory Authority,  
Niculae Havrileț

Bucharest, 26 June 2014.

No. 48.

ADDENDUM

REGULATION

Of accreditation of the electricity producers from renewable sources for the application of the promotion system by green certificates

**CHP. I**

General dispositions

**SECTION 1**

Purpose and scope

**ART. 1**

These rules of accreditation of producers of electricity from renewable energy sources for applying the promotion system through green certificates, hereinafter referred to as the Regulation establishes a regulatory framework for accreditation groups / power plants to implement the promotion system for electricity produced from renewable established by [Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, as amended and supplemented, hereinafter referred to as the promotion system through green certificates, namely:

- a) stages of the accreditation process and content of the documentation required for accreditation;
- b) the terms of accreditation;
- c) the application of the system of green certificates promotion;

- d) the rights and obligations of the economic operators whose power plants have been accredited;
- e) conditions for modification, suspension and withdrawal of accreditation.

#### ART. 2

(1) This regulation applies to:

- a) applicants accreditation groups / power plants for applying the system of green certificates promotion:
  - Holders of license for commercial exploitation of electricity production capacities in groups / power plants producing electricity from renewable sources;
  - Operators holding units / power plants producing electricity from renewable sources being on probation;
  - Operators holding units / power plants producing electricity from renewable sources and using electricity for their own consumption, other than the personal technologic consumption;
  - Individuals owning power plants producing electricity from renewable sources with an installed capacity below 100 kW, using renewable energy / production technologies approved by the European Commission set out by Addendum. 1;

b) the network operators to whose networks are connected groups / power plants producing electricity from renewable energy sources accredited to apply the system of green certificates promotion.

(2) The provisions of this Regulation shall not apply to operators owning power plants producing electricity from renewable sources placed on vehicles of any kind in isolated electric power systems and public authorities that have benefited from state aid for achieving partially or totally, plants producing electricity from renewable energy projects that are not "income generating" within the meaning of art. 55 [Regulation \(EC\) No. 1.083 / 2006 of 11 July 2006](#) laying down general provisions on the European Regional Development Fund, European Social Fund and the Cohesion Fund and repealing Regulation (EC) No. 1260/1990 and who are not entitled to receive green certificates for electricity produced from these plants.

## SECTION 2

### Definitions and Abbreviations

#### ART. 3

(1) Terms used in this regulation are defined by:

- a) [Electricity Act and Gas no. 123/2012](#), as amended and supplemented;
- b) [Law no. 220/2008](#), republished, with subsequent amendments;
- c) [Rules on connecting users to public electricity networks, approved by Order of the President of the Romanian Energy Regulatory Authority no. 59/2013](#), as amended and supplemented;

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Lit. c) the par. (1) art. 3 was amended by pt. 1 of [art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

d) Technical norm "Technical conditions for connection to electric networks of public interest for windmills" approved by [Order of the President of the Romanian Energy Regulatory Authority no. 51/2009](#), as amended and supplemented;

e) Technical norm "Technical conditions of connection to public electricity networks for photovoltaic power plants" approved by [Order of the President of the Romanian Energy Regulatory Authority no. 30/2013](#), as amended.

(2) For the purposes of this Regulation, the following definitions shall apply:

a) hydroelectric pump storage power plant - hydroelectric plant provided with two reservoirs, one upstream and one downstream, and pumping installations and turbine that provides both turbinated water pumping from the reservoir downstream and the reservoir upstream for storage and turbinated water from the reservoir upstream and downstream accumulating in the reservoir;

a^1) accreditation - granting the right of an economic operator to benefit from the promotion system through green certificates for electricity produced and delivered by a group / power plant producing electricity from renewable sources that him / her hold on period determined in accordance with [art. 3 paragraphs. \(2\) of Law no. 220/2008](#), republished, as amended and supplemented, after obtaining the license it for commercial exploitation of electricity generation capacity, if the law imposes the obligation to obtain this license, based on a decision issued by ANRE;

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Lit. a^1) of par. (2) art. 3 was introduced by pt. 1 of [art. I of Order no. 138 of 1 September 2015](#) published in the OFFICIAL GAZETTE no. 664 of September 1, 2015.

a^2) preliminary accreditation - granting the right of an economic operator to benefit from the promotion system through green certificates for electricity produced and delivered during the testing period by a group / power plant producing electricity from renewable sources, based on a decision issued by ANRE, in compliance with [art. 6 para. \(7\) a\) of Law no. 220/2008](#), republished, with subsequent amendments;

Lit. a^2) of par. (2) art. 3 was introduced by pt. 1 of [art. I of Order no. 138 of 1 September 2015](#) published in the OFFICIAL GAZETTE no. 664 of September 1, 2015.

a^3) temporary accreditation - granting the right to an economic and licensee operator for commercial exploitation of a production capacity electrical energy to benefit from the promotion system through green certificates for electricity produced and delivered from a power plant to produce electricity for renewable sources with an electric power input greater than 125 MW which holds a fixed period, in compliance with [art. II par. \(3\) of Government Emergency Ordinance no. 88/2011](#), approved with amendments by [Law no. 134/2012](#), and par. (3^1) provided in [Art. I pt. 15 of Law no. 134/2012](#) approving [Government Emergency Ordinance no. 88/2011](#) amending and supplementing [Law no. 220/2008](#) establishing the system for promoting energy from renewable sources in conjunction with [Art. 1 para. \(1\) of Law no. 122/2015](#) for the approval of measures in promoting electricity production from renewable energy sources and amending and supplementing certain acts, based on a decision issued by ANRE;

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Lit. a^3), para. (2) art. 3 was introduced by pt. 1 of [art. I of Order no. 138 of 1 September 2015](#) published in the OFFICIAL GAZETTE no. 664 of September 1, 2015.

b) technological consumption - electricity consumption of a power plant required to achieve electricity production, which is the amount of electricity consumed from the generators of the power plant and / or electricity network required to produce electricity within that power plant ; this amount includes electricity for fuel handling and preparation for plant maintenance and pumping water from the reservoir downstream into the reservoir upstream as well as the losses within the electrical networks whereby it is made the connection of groups / stations to the network. In case of CHP plants, it also includes the electricity consumption required to generate heat in cogeneration;

c) Law - [Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, with subsequent amendments;

d) accredited economic operator - economic operator who owns / operates power plants that produce electricity benefiting from green certificate promotion system based on an accreditation decision issued by ANRE;

e) Testing period - the time required to carry out tests for commissioning of a capacity of electricity generation, defined as the time between when put under tension for the period of tests and after obtaining the license, but no more than 24 months after the first activation;

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Lit. e) of para. (2) art. 3 was amended by pt. 2 of [art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

f) lower calorific value - the amount of heat produced by burning a fuel unit while the products of combustion thereof (combustion gases, water vapour, ash) are discharged at a higher temperature than the temperature of condensation of vapour of water.

g) new equipment - equipment that is part of a power plant and has previously been used to produce electricity or for other purposes wherefore there are purchasing documents and warranty issued by its manufacturer.

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Lit. g) of para. (2) art. 3 was amended by pt. 2 of [art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

#### ART. 4

Abbreviations used in this Regulation shall have the following meanings:

- a) ANRE - Romanian Energy Regulatory Authority;
- b) OR - network operator or distribution system operator or transmission system operator;
- c) TSO - transmission system operator - National Company for Electricity Transmission "Transelectrica" - S.A .;
- d) OPCV - green certificates market operator - the company "Electricity Market Operator - OPCOM" - S.A.;
- e) RES - renewable energy sources;
- f) E-RES - electricity produced from renewable energy
- g) CV - green certificate;
- h) CPT - technological consumption;
- i) SEN - National Power System.

#### CHP. II

Accreditation power plants for the production of RES-E

##### SECTION 1

Stages of accreditation and accreditation documentation required

#### ART. 5

(1) ANRE accredits power plants for the production of RES-E to implement CV promotion system based on an application accompanied by documentation accrediting transmitted by any of the applicant referred to art. 2 para. (1) a).

(2) Applicants referred to in art. 2 para. (1) a) holding power of the E-RES with installed power greater than 250 MW transmit application referred to in paragraph ANRE. (1) only after the Commission's decision authorizing the promotion system resume, according to Art. 26 para. (2) of the Act.

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Par. (2) art. 5 was changed pt. 4 of <LLNK 12015 100 50-402 0 43>[art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

(2<sup>1</sup>) In order to obtain the Commission's decision authorizing the promotion system resume, operators who hold power production of E-RES with installed capacity exceeding 250 MW transmit ANRE documentation required individual notification of the measure support European Commission containing audited accounting documents, drawn up under the law, showing the investment costs of power production of E-RES subject to individual notification, and the information required for filling in:

a) Addendum I to [Regulation \(EC\) No. 271/2008](#) of 30 January 2008 amending [Regulation \(EC\) no. 794/2004](#) implementing [Regulation \(EC\) no. No 659/1999](#) laying down rules for the application of Article 93 of the EC Treaty; and

b) the Addendum to [Regulation \(EC\) No. 1.147 / 2008](#) of 31 October 2008 amending [Regulation \(EC\) no. 794/2004](#) implementing [Regulation \(EC\) no. No 659/1999](#) laying down rules for the application of Article 93 of the EC Treaty on the III.10 of Addendum 1 to the Regulation.

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Par. (2<sup>1</sup>) of art. 5 was introduced pt. 5 of [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(3) Individuals who hold power production of E-RES with installed capacity below 100 kW may mandate an economic operator, by attorney, to seek accreditation of such power under this regulation, rule on the electricity supplier that they have contracted electricity supply.

(4) The accreditation process consists in carrying out the following activities:

a) submission by the applicant of the application for accreditation with the Accreditation documentation related according to art. 6;

b) reviewing the documentation submitted by ANRE;

c) issuing a decision on accreditation by ANRE power plants for the production of RES-E of the applicant, if meeting the requirements of this Regulation.

(5) Accreditation can be requested directly in one step, in terms of art. 6, or in two stages, preliminary accreditation and accreditation, according to art. 5:18 p.m..

**ART. 6**

(1) The application for granting accreditation CV promotion system, drafted in accordance with Addendum. 2 is transmitted to ANRE and accreditation is accompanied by documentation containing information on:

- a) your contact details accreditation nominated for submission of information required under Addendum. 3;
- b) the location of the power plant for the production of E-RES RES type used subject to accreditation and / fuels according to appendix. 4;
- c) the main equipment that compose the group / power plant for the production of E-RES and measuring system (power and, if appropriate, fuels) with their characteristics Single wire diagrams connecting the mains to power plant RES-E production subject to accreditation or thermomechanical scheme, if applicable, including how to load their own technological consumption of the plant in question, according to appendix. 5;
- d) forecast of E-RES until the end of the requested accreditation according to appendix. 6;
- e) the technical connection / electrical connection to the certificate issued by the network operator, if it was not previously transmitted to ANRE in the process of establishing authorization / license;
- f) [minutes of receiving the commissioning of the power plant for the production of E-RES subject to accreditation and connection to the grid, if they have not been previously submitted to ANRE in the process of licensing for commercial exploitation capabilities electricity production;](#)

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Lit. f) of paragraph. (1) art. 6 was amended by section. 6 of [art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

g) information regarding the investment costs to achieve the group / power plant for the production of E-RES by supplementing layout reporting provided in Addendum. 7;

h) [affidavit legal representative or authorized agent thereof showing that the group electric / power plant or parts of his / has / have or has / have not benefited from other aid state aid under Addendum no. 9;](#)

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Lit. h) of para. (1) art. 6 was amended by section. 7 of [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

i) an affidavit of its legal representative or authorized agent on the accuracy of information provided ANRE according to appendix. 10;

j) proof of payment of the invoice issued by ANRE, representing the financial contribution provided for in art. 31.

(2) In addition to the documents provided in par. (1), depending on the type RES / production technology used E-RES is mandatory transmission:

- a) documents attesting installed power of main equipment for each respective group's electrical power - data sheets or other similar documents;
- b) RES certificates of origin issued pursuant to Art. 3 paragraphs. (9) and (10) of the Act for groups / plants using RES provided at pt. 4 of Appendix. 1;
- c) documents containing data needed to establish ones is to which the promotion system CV, including test reports showing calorific value of each fuel used in multi-fuel plants, the plants using RES falling into categories different in terms of the number of CV awarded for each 1 MWh and of the cogeneration opted for CV promotion system;
- d) documents containing information relating to the production technology used, namely exclusive cogeneration or electricity production in power plants using RES provided at pt. 4, 5 and 6 of the Addendum. 1;
- e) supporting documents attesting to the completion of the refurbishment, according to appendix. 8, where hydroelectric equipment;
- f) documents attesting aid / State aid received / received, the plants production of E-RES were conducted with investment support, including contracts grant the group / power plant for which accreditation is sought;
- g) [documents provided in Addendum. 2 letter B section. 1-4 the procedure for approval of new projects or refurbishment of CHP plants, approved by Order of the President of the Romanian Energy Regulatory Authority no. 115/2013, other than those provided for in this Regulation, where groups / cogeneration plants;](#)

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Lit. g) of para. (2) art. 6 was amended by section. 8 of [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

h) documents concerning the costs of connection, eg connection contracts, contracts showing its participation and how to recover from OR investments in works needed to strengthen the grid, where their realization is financed by the economic operator seeking accreditation;

i) [the authorization decision of the European Commission, the economic operators who develop projects for power generation E-RES with installed power greater than 250 MW / buildings;](#)

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Lit. i) of art. 6 was amended by section. 8 of [art. I of Order no. 100](#) of 1 July 2015 published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

j) supporting documents proving that the land on which photovoltaic power plants are located is not in aside 31 December 2013.

k) [Convention concluded with the network operator to verify periodic indications of groups of electricity metering installation in the Applicant accreditation under which is performed issuing green certificates other than groups of measuring settlement owned network operator;](#)

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Lit. k) art. 6 was introduced by pt. 9 of [art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

l) [documents proving how they acquired the main equipment that compose the group / power plant for the production of E-RES or group / power plant for the production of E-RES, as appropriate.](#)

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Lit. 1) of art. 6 was introduced by pt. 9 of [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

#### ART. 7

(1) ANRE analyses the request and documentation submitted by the applicant within 30 days from the date of registration to ANRE and, where applicable, required to complete the documentation submitted additional information and justification necessary accreditation.

(2) The applicant shall provide the information required by ANRE within 30 days from the date of submission of the request for completing the accreditation documentation.

(3) [If the applicant fails to submit information required under paragraph ANRE. \(2\) or if within 6 months from the date of filing submitted documentation is not complete, it is graded automatically, notifying the applicant ANRE.](#)

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Par. (3) art. 7 was amended by section. 10 of [art. I of Order no. 100](#) of 1 July 2015 published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

#### ART. 8

(1) Where the law imposes the obligation to obtain a license to commercially exploit the production capacity of RES-E, accreditation is granted by ANRE under this regulation after obtaining the applicant the license for a period not exceeding the duration the license.

(2) Within 30 days of the date on which the accreditation is complete, ANRE issues accreditation decision to apply the system of promotion by CV, stating:

- a) groups / power plants for the production of E-RES promotion system accredited application for ones is produced in these plants, power plants accredited hereinafter;
- b) the accreditation, specifying the preliminary or temporary, if applicable;
- c) installed power / accredited and related technology;
- d) the number of CV due for each 1 MWh E-RES produced and delivered to the grid and / or consumers;
- e) the types of measured data to be transmitted in order to issue TSO CV;
- f) date of expiry of the application of CV promotion system;
- g) access type, priority or guaranteed, electrical networks, as appropriate.

(3) [Issuing by ANRE the accreditation decision / temporary accreditation of a group Electrical / Power Plant for applying the promotion system through green certificates give a trader accredited / recognized temporary him / her has the right to benefit from the promotion system by CV in force at the date of the first decision of accreditation / accreditation group temporary electric / power plant concerned, throughout the period of application of CV promotion system provided for in art. 3 paragraphs. \(2\) of the Act, whether the first decision after issuing accreditation / accreditation temporary suspension period intervened to demand a reasoned and approved by ANRE or for reasons beyond his or interruption of the accreditation decision / temporary reasons beyond its accreditation.](#)

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Par. (3) art. 8 was introduced pt. 3 of [Art. I of Order no. 138 of 1 September 2015](#) published in the OFFICIAL GAZETTE no. 664 of September 1, 2015.

(4) [Notwithstanding the provisions of paragraph. \(3\) the issuance by ANRE the accreditation decision of economic operators who have received temporary accreditation in accordance with Art. 1 para. \(1\) of Law no. 122/2015 is subject to the issuance of individual decision authorizing the Commission and shall be in agreement with its contents.](#)

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Par. (4) art. 8 was introduced pt. 3 of [Art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

(5) [Number of CV provided in par. \(2\) d\) shall be determined in accordance with Art. 6 para. \(2\) of Law no. 220/2008, republished, as amended and supplemented, in conjunction with Art. 6 para. \(4\) or \(5\) of the same law, if necessary.](#)

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Par. (5) art. 8 was introduced pt. 3 of [Art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

(6) [Notwithstanding the provisions of paragraph. \(5\) in accordance with Government Decision no. 994/2013 approving measures to reduce the number of green certificates in the cases provided for in Art. 6 para. \(2\) a\), c\) and f\) of Law no. 220/2008 establishing the system for promoting energy production from renewable energy, power / electric groups accredited by ANRE after 1 January 2014, the E-RES they hold benefits from a number of green certificates for electricity produced and delivered to the grid and / or consumers as follows:](#)

- a) 2.3 GC for each 1 MWh produced and delivered, if you are new hydropower plants with installed capacity of 10 MW;
- b) 1.5 CV 2017 and 0.75 CV from 2018 for each 1 MWh produced and delivered by the producers of electricity from wind energy;
- c) 3 GC for each 1 MWh produced and delivered by the producers of electricity from solar energy.

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Par. (6) of art. 8 was introduced pt. 3 of [Art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

(7) [If power / power groups accredited / recognized temporarily for the first time before 1 January 2014, issued a decision amending the accreditation decision or another decision of accreditation / temporary accreditation is achieved given the promotion system green certificates in force at the date of the first decisions accreditation / temporary accreditation. "](#)

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Par. (7) of art. 8 was introduced pt. 3 of [Art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

#### ART. 9

(1) ANRE communicates the accreditation decision by fax or e-mail in scanned form, to the economic operator accredited and OTS, for the issuing of the CV.

(2) ANRE publishes and maintains on its website a list of accredited economic operators and power plants approved for CV application promotion system.

## SECTION 2

### Conditions for accreditation

#### ART. 10

For accreditation, power plants production of E-RES must meet the following conditions:

- a) use for electricity generation RES / production technologies approved by the European Commission which are set out in Addendum. 1;
- b) use groups / power plants producing ones is commissioned / refurbished by the end of 2016;
- c) in the case of hydroelectric groups, they must belong to hydropower plants with installed power of 10 MW;
- d) be delivered RES electricity metering products and delivered to the grid and / or consumers, as required by art. 13;
- e) power plants Multi those using RES falling into different categories in terms of the number of resume granted for 1 MWh, and in the case of cogeneration benefiting from the promotion system by CV, be assured measuring the amount and inferior calorific value of the fuel used, according to art. 14;
- f) for the plants using biomass as RES provided at pt. 4 of Appendix. 1 all forms of aggregation, be assured measuring the amount of RES used, according to Art. 14;

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Lit. f) of art. 10 was amended by section. 11 of [art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

g) where RES power plants that use solar energy, the land on which photovoltaic power plants are located not in aside 31 December 2013.

#### ART. 11

(1) Electricity receiving CV promotion system provided by law, contracted and sold on the energy market, has guaranteed access to the grid.

(2) The electricity produced in power plants with installed capacity of more than 1 MW or 2 MW for high efficiency cogeneration biomass, which is contracted and sold at regulated prices, have priority access to the electricity grid.

(3) Pending the establishment of regulated prices in the case under par. (2) all accredited economic operators benefit from guaranteed access to the grid.

#### ART. 12

If the power plants production of E-RES for an applicant has requested accreditation do not meet the accreditation requirements to benefit from the promotion system by CV, ANRE shall issue a decision rejecting the accreditation containing the reasons for the decision adopted.

## SECTION 3

### Requirements for measuring the RES-E

#### ART. 13

(1) Operators seeking accreditation and power plant for the production of E-RES promotion system application must equip their CV measurement systems with E-RES:

- a) comply with the requirements of the Code of electricity metering measuring point on the category of the place of consumption and production;
- b) conduct electricity metering in one of the following:
  - (I) delivered / consumed / from the electricity network and / or consumers connected to the station bus;

(Ii) produced and consumed to power the plant's own technological consumption.

(2) In addition to the provisions of paragraphs. (1), operators seeking accreditation power plants for the production of E-RES promotion system application must equip their CV measurement systems with E-RES:

1. The measurement carried out separately for each group of electricity from electric / class group, where:
  - a) power plant for the production of E-RES is composed power groups that use different types of RES;
  - b) power plant for the production of E-RES is composed power groups that fall into different categories in terms of the number of CV awarded for each 1 MWh;
  - c) the power plant delivers electricity network and / or electricity to consumers in the power groups that use RES and electricity produced using conventional fuels groups;
2. construct electricity metering products found in the composition of each group electric power plant with at least one year before the expiry of granting CV promotion system for one or more electric groups accredited, where the power plant production is composed of ones is power groups that fall into different categories in terms of duration granting CV promotion system;
3. performs metering of electricity produced from conventional fuels in power groups belonging to a power plant for the production of E-RES and are used to ensure its CPT.\

(3) power plants mentioned paragraph. (2) if the determination E-RES benefiting from the promotion system by CV cannot be the result of direct measurements, it is compulsory to present a document distinct way of establishing E-RES benefiting from CV, starting the measured values of the electricity metering system in the existing power plant with the rules set out in Addendum. 2 Rules for issuing green certificates, approved by [Order of the President of the Romanian Energy Regulatory Authority no. 4/2015](#).

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Par. (3) art. Section 13 has been amended. 12 of [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(4) For groups / power plants where electricity beneficiary of green certificates is determined as the difference between electricity and electricity generation of the CPT, if the determination CPT group / power plant can not be the result of direct measurements requires the presentation in a separate document establishing CPT how the power plant from measured values of existing measurement system.

(5) algorithm establishing E-RES beneficiary of green certificates under par. (3) and / or (4) is prepared by the applicant and approved by ANRE accreditation.

(6) Network operators are obliged to demand any economic operator who performs a central production one is to ensure, at the expense of the economic operator, measuring systems for electricity from

electrical installations belonging to it and necessary compliance with requirements under par. (1) and / or (2) as applicable.

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Par. (6) of art. Section 13 has been amended. 13, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(6<sup>1</sup>) Depending on the characteristics of the place of production / consumption systems Electricity metering installation in the economic operator performing a central production of E-RES producers must meet the same technical requirements and security as those related to points similar measurement, established by the Code of electricity metering.

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Par. (6<sup>1</sup>) of art. Section 13 was introduced. 14, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(7) Where economic operators requesting accreditation for power production of E-RES which comprises power groups that fall into different categories in terms of the number of CV awarded for each 1 MWh electricity and not fulfil the requirement par. (2) pt. 1 lit. b) the number of green certificates for each 1 MWh of electricity provided in the order for accreditation shall be determined having regard to the electric group benefiting under the law of least number of green certificates for every 1 MWh of electricity produced and delivered network electric and / or consumers.

#### SECTION 4

Requirements determining the quantity / quality of fuels

##### ART. 14

(1) Operators who hold central multi-fuel or using RES which fall into different categories in terms of the number of resume, and those who hold power production of E-RES cogeneration must ensure measuring the amount of fuel lower calorific value of the fuel used on each type of fuel.

(2) Economic operators who hold power plants that use biomass RES provided at pt. 4 of Appendix. 1 all forms of aggregation, are obliged to ensure measurement quantity for each RES used.

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Par. (2) art. Section 14 has been amended. 15, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(3) The systems / methods of measurement / recording fuel consumption of a power plant for the production of E-RES must comply with the legal requirements of:

a) legislation on the marketing and operation of measurement systems;

b) legislation on legal metrological control activity;

c) legal metrology norms in force;

d) Regulation for measuring the quantities of natural gas traded in Romania, approved by [Order of the National Agency for Energy Regulation no. 62/2008](#), as amended, if applicable;

e) standards and norms recognized and validated in international practice in measuring instruments and measurement methods, standards or guidelines such as European or international EN ISO.

(4) Any measurement method will be applied in line with European best practice recommendations and must meet the following requirements:

a) validation of measuring metrological control is achieved either by the assembly or by validating each component of measuring instruments;

b) metrological control is performed only by institutions / bodies accredited operating on the basis of accreditation procedures for measurement and evidence applicable in the European Union;

c) measurement frequency of checks is at least as laid out in specific legislation or more often as instructed suppliers of equipment;

d) measuring equipment must be ensured by sealing.

(5) If, due to schemes refuelling and limited opportunities endowment means of measuring power plants for the production of E-RES, some data cannot be the result of direct measurements, it is compulsory to present a document separately, in detail, how it is set, based on measured values.

#### SECTION 5

The duration of the promotion system CV

##### ART. 15

(1) groups / power plants for the production of E-RES qualify for accreditation under this Regulation are accredited for the periods set out in art. 3 paragraphs. (2) of the Act.

(2) In the case of E-RES holding units / power plants for the production of E-RES benefited from CV prior to applying the promotion system CV prescribed by law or who benefited from CV based on a / some decisions accreditation / accreditation preliminary / temporary accreditation issued by ANRE, the application periods referred to in para. (1) decreases corresponding period for which they have received your resume.

-----  
Par. (2) art. Section 15 has been amended. 16, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(3) In the case of E-RES group changes location / plant for the production of E-RES, the application periods referred to in para. (1) decreases according to par. (2).

(4) In the case of E-RES producers who have received preliminary accreditation and / or temporary application periods referred to in para. (1) decreases with periods in which they have received accreditation decisions based CV preliminary and / or temporary.

-----  
Par. (4) art. 15 was introduced by pt. 4 of [art. I of Order no. 138 of 1 September 2015](#) published in the OFFICIAL GAZETTE no. 664 of September 1, 2015.

(5) In case of an accredited power plant if approved changes its holder, the duration of the promotion system for the new owner of the plant CV is reduced by the period in which it benefited from the old CV plant holder.

Par. (5) art. 15 was introduced by pt. 4 of art. I of Order no. 138 of 1 September 2015 published in the Official Gazette no. 664 of September 1, 2015.

#### ART. 16

If the economic operator which operates power groups in stages, the establishment expiry date CV application promotion system will consider providing Resume during evidence as follows:

a) if the economic operator transmitted to ANRE documents signed by him with OR to confirm the date of commencement of supply of electricity to the grid for each group electric component of the plant, the expiry date of application of the system of promotion by CV will be calculated based on the date start supply of electricity during the evidence and the duration of the promotion system established under Article CV. 15 for each group of plant component;

b) if the economic operator fails to submit the documents referred to ANRE a) the expiry date of application CV promotion system will be calculated from the date of accreditation of the first electric group.

Section 6 of  
preliminary accreditation

#### ART. 17

(1) Accreditation is granted during the preliminary evidence from which a maximum of 30 days. Where economic operators who, under the law, exploiting trade groups / plants for the production of RES-E in their possession without a license issued by ANRE, preliminary accreditation is granted for a period between the date on which groups / power plants start producing and deliver electricity in SEN and within 60 days of the conclusion of the acceptance report of commissioning, without exceeding the validity of the authorization to set up for groups / power plants with electrical power input greater than 1MW.

-----  
Par. (1) art. Section 17 has been amended. 17, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(2) The extension of the preliminary accreditation established under par. (1) may be requested only when justified under Art. 25 para. (1).

(3) The term of the preliminary accreditation can not exceed the duration of the establishment authorization for groups / power plants with power of more than 1 MW.

(4) The preliminary accreditation, the applicant shall submit the documentation referred to in Article ANRE. 6, except the minutes of receiving the commissioning of the power plant for the production of E-RES subject to accreditation and connection to the grid, and the following documents:

a) Minutes reception on completion for power / electrical groups submitted for accreditation, including signed operator network that are connected power / electrical groups;

b) testing schedule agreed with OR that are connected to power / electric and OTS groups if requested accreditation for plants / units dispatching electricity, which must contain evidence including the planned commencement and duration.

#### ART. 18

(1) In order to obtain accreditation provided for in art. 5 paragraph. (5) the economic operator to submit ANRE approved preliminary accreditation application referred to in art. 6 para. (1) accompanied by the following documents:

a) if the data were the basis of preliminary accreditation have not changed, an affidavit in this regard and minutes reception commissioning provided in art. 6 para. (1) f) if they have not been previously submitted to ANRE the licensing process for commercial exploitation of electricity production capacities;

b) if the data submitted for preliminary accreditation for the period of evidence are amended, the documents referred to in art. 6 to the amendments, and the minutes of reception of commissioning mentioned in art. 6 para. (1) f) if they have not been previously submitted to ANRE the licensing process for commercial exploitation of electricity production capacity.

-----  
Par. (1) art. Section 18 has been amended. 18, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(2) If the commissioning phase power plants for the production of E-RES, Accredited preliminary economic operator may request accreditation under par. (1) commissioned capacity of that plant.

#### Section 7 of

Reducing the number of CV if power / electrical groups receiving additional state aid and investment for the plants / groups related electrical technologies overcompensated

#### ART. 19

(1) Reducing the number of CV given for E-RES produced in power / power groups receiving additional state aid under Article investment is realized. 6 para. (7) b) of the Act, according to appendix. 11.

(2) The low number of CV will ensure that the same values of internal rate of return as if the power / electrical groups not benefited from other aid investment, assuming that other specific indicators are at the level of values reference.

-----  
Par. (2) art. Section 19 has been amended. 19, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

#### ART. 20

(1) Reducing the number of CV for power / electrical groups related technologies is overcompensated as reduction measures adopted by Government decision under Art. 29 para. (3) of the Act.

(2) If the power / groups related electrical technologies overcompensated receive additional state aid investment, fewer CV will ensure that the same values of internal rate of return as if they had not benefited from other aid investment, if the other indicators are at the level of specific values in the monitoring report.

-----  
Par. (2) art. Amended by section 20. [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

#### ART. 21

(1) Reducing the number of CV provided for in art. 19 para. (1) shall apply to investment aid up to the amount received by the electricity producer using in calculating the average value of a CV calculated as the arithmetic average of the maximum and minimum values trading CV according to appendix. 12.

(2) Para. (1) applies after authorization by the European Commission of the measures ordered by art. 6 para. (7) b) of the Act.

#### CHP. III

Rights and obligations of economic operators accredited holders of power plants

##### SECTION 1

Rights holders operators of power plants accredited

#### ART. 22

Accredited economic operator has the following rights:

a) require the issuance of CV TSO, under the Regulations for issuing green certificates, approved by Order of the President of the Romanian Energy Regulatory Authority no. 4/2015;

-----  
Lit. a) art. Section 22 has been amended. 21, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

b) to sign up for participation in OPCV CV market;

c) require the amendment, suspension or withdrawal of accreditation.

##### SECTION 2

Obligations of economic operators accredited holders of power plants

#### ART. 23

(1) approved economic operator must:

a) allow access to its own facilities ANRE staff that verifies the correctness of the data provided on site ANRE the accreditation;

b) to provide all information requested by ANRE for checks;

c) notify ANRE any changes made on power plants would lead to failure / changing conditions of accreditation for CV application promotion system, not later than 30 days from the occurrence of the change;

d) submit information required for monitoring ANRE operation CV promotion system;

e) to communicate the necessary data to establish monthly OTS RES-E to be issued CV.

f) allow access to its own facilities OR staff to verify the electricity metering systems installed in plants belonging to the accredited economic operator, under which is given the green certificate promotion system;

-----  
Lit. f) of paragraph. (1) art. Section 23 was introduced. 22, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

g) to address at their own expense any fault occurrence in a group of electricity metering nestled in its own facilities, under which green certificates are issued other than measuring settlement group owned network operator.

-----  
Lit. g) of para. (1) art. Section 23 was introduced. 22, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(2) The economic operator accredited holding power cogeneration and opting for promotion system CV must register and submit to ANRE information required for electricity produced in high efficiency cogeneration from RES in accordance with the provisions of Regulation qualification of electricity generation in high-efficiency cogeneration and the verification and monitoring of fuel consumption and production of electricity and useful heat in high efficiency cogeneration, approved by [Order of the President of the Romanian Energy Regulatory Authority no. 114/2013](#).

#### CHP. IV

Registration power plants accredited CV application promotion system

#### ART. 24

(1) ANRE shall establish and regularly update Registry power plants accredited to obtain green certificates.

(2) The records referred to in para. (1) it is done electronically and contain the following information:

a) the name of the power plant for the production of E-RES;

b) OR name which is connected to the power plant;

c) the name of the economic operator that owns the power plant for the production of E-RES, including contact details;

d) groups which are used in electric power plant;

e) the type of renewable source used to produce electricity;

f) the installed capacity of each electric component group of the plant;

g) the date of commissioning of the electric component of the plant to each group;

h) the number of CV are issued per 1 MWh delivered in the network and / or customers;

i) The commencement CV application promotion system;

j) the duration of CV promotion system;

k) date of expiry of the application of CV promotion system;

l) the expiry date of the license applicant producer;

m) accreditation decision (number / date);

n) other records containing information submitted by manufacturers for accreditation.

#### CHP. V

Modification, suspension and withdrawal of accreditation

SECTION 1  
Changing accreditation

ART. 25

(1) ANRE may alter the decision of accreditation application promotion system resume if it finds an error identified by ANRE content or changes in circumstances that were the basis of accreditation, changes that lead to failure of at least one of the conditions accreditation under this Regulation or of the economic operator accredited following:

- a) change the composition scheme or the main equipment of the power plant;
- b) to grant investment aid of state aid actually received different from that provided in the grant contract;
- c) modernizing the hydroelectric power of 10 MW or groups of hydroelectric power at 10 MW;
- d) amend the applicable legal framework;
- e) issue individual decision of the European Commission for the case provided for in Art. 30;
- f) amend the particulars of the approved economic operator;
- g) other causes duly justified by the applicant.

-----  
Par. (1) art. Section 25 has been amended. 23, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

(2) Change the accreditation decision for the case provided in par. (1) b) is done by recalculating the number of CV due according to appendix. 11 Having regard to using the actual investment received, with appropriate adjustment of the number of CV CV and the number of received, applied since its initial accreditation decision issued by central investment aid until the decision amending the accreditation decision.

SECTION 2  
suspension of accreditation

ART. 26

(1) suspend the accreditation request ANRE approved economic operator or on its own initiative, the sanction regime.

(2) If the suspension of the accreditation is done at the request of the economic operator, the request for suspension is submitted to ANRE least 30 days before the date on which suspension is due to produce its legal effects and shall state the reasons and the period for requesting suspension.

(3) ANRE suspends its own initiative accreditation in the following cases:

- a) suspend the operating license issued commercial generation capacity approved economic operator;
- b) if, subsequent accreditation, accreditation shows that the economic operator has submitted incomplete and / or incorrect information that led to misapplication of CV promotion system.

(4) In case of suspension provided in par. (2) for legitimate reasons, the duration of the accreditation period of suspension is extended.

SECTION 3  
Discontinue of accreditation

ART. 27

(1) ANRE withdraw accreditation in the following cases:

- a) withdraw the license for commercial exploitation of production capacity approved economic operator;
- b) it appears that the information provided by the economic operator accredited were incomplete and / or inaccurate and that he would have been entitled to receive CV;
- c) change the circumstances that led to the accreditation, so that no longer met the requirements for accreditation under this Regulation;
- d) it is established that the land they are situated accredited photovoltaic power plants were in aside 31 December 2013.

(2) For the situation provided in par. (1) d) ANRE has longer subject to decisions on the application of the green certificate promotion system from 1 January 2014, in relation to art. 3 paragraphs. (6) letter e) of the Law.

Section 4  
Breach of accreditation

-----  
Section 4 of Chapter V was introduced by pt. 5 of [art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

ART. 27<sup>1</sup>

(1) accreditation interruption occurs in the following cases:

- a) preliminary accreditation decision of a group Electrical / Power Plant expire before issuing a new resolution accreditation preliminary / temporary accreditation / accreditation group electric / power plant in question;
- b) the decision of accreditation / temporary accreditation of a group Electrical / Power Plant for applying the promotion system through green certificates shall lapse before the expiry of the application of the system of green certificates promotion established in Art. 3 paragraphs. (2) of Law no. 220/2008, republished, as amended and supplemented.

(2) In cases provided in par. (1) the date for the deadline for implementing the system of green certificates promotion is achieved given the periods in which the interruption occurred accreditation.

-----  
Art. 27 <sup>1</sup> was introduced pt. 5 of [art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

CHP. VI  
final provisions

ART. 28

For individuals, the application for accreditation for CV application promotion system will be accompanied by the documents referred to in art. 6 para. (1) and (2) and a copy of the ID.

-----  
Art. 28 was amended by section. 24, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

#### ART. 29

Issuing CV groups electrical / power stations accredited under this Regulation is based accreditation decision issued by ANRE, the period of validity under the Regulation for issuing green certificates, approved by [Order of the President of the Romanian Energy Regulatory Authority no. 4/2015](#).

-----  
Art. 29 was amended by section. 25, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

#### ART. 30

(1) The economic operators referred to in art. II par. (3), respectively, para. (3<sup>1</sup>) of the [Emergency Government Ordinance no. 88/2011](#) amending and supplementing [Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, approved with amendments by [Law no. 134/2012](#), which were not issued individual decisions authorization from the European Commission within 24 months from the date of accreditation, for reasons beyond their ANRE may require a new decision in order to receive temporary accreditation number of certificates green provided art. 6 para. (2) of the Act, from issuing new accreditation decision temporarily, until issuing the approval from the European Commission.

(2) In order to issue a new decision of temporary accreditation, economic operators under par. (1) ANRE transmit a request for temporary accreditation, accompanied, if appropriate, the documents referred to in art. 6 para. (1) and (2) who experienced changes from those submitted in order to issue the first decision of temporary accreditation and an affidavit to the effect that the remaining documents submitted for issuing the first decision of temporary accreditation shall remain valid.

(3) Economic operators who have installed capacity between 125 MW and 250 MW and is included in [Art. II par. \(3<sup>1</sup>\) of the Emergency Government Ordinance no. 88/2011](#), approved with amendments by [Law no. 134/2012](#), which were not issued individual decisions authorization from the European Commission may request accreditation ANRE without the need to obtain individual permit decision from the European Commission.

(4) In order to issue the accreditation decision, economic operators under par. (3) who have received temporary accreditation must submit a request for accreditation from ANRE accompanied, where appropriate, the documents referred to in art. 6 para. (1) and (2) who experienced changes from those submitted in order to issue the first decision of temporary accreditation and an affidavit to the effect that the remaining documents submitted for issuing the first decision of temporary accreditation retains validity.

(5) any differences Regularisation positive / negative of the number of CV received and number of RES-E due to the power plants belonging to the operators under par. (1) and (3) is performed by ANRE by issuing a separate decision to regulate the number of CV, according to legal provisions in force.

-----  
Par. (5) art. It amended by section 30. 6 of [art. I of Order no. 138 of 1 September 2015](#) published in the OFFICIAL GAZETTE no. 664 of September 1, 2015.

-----  
Art. 30 was amended by section. 26, [art. I of Order no. 100 of 1 July 2015](#) published in the OFFICIAL GAZETTE no. 508 of July 9, 2015.

#### ART. 31

Economic operators, individuals and legal entities, applicants for accreditation for CV application promotion system that are not licensees of commercial exploitation of the production capacity of RES-E, which develops projects and operators of power generation E- RES with installed power greater than 250 MW, subject to individual notification to the European Commission, ANRE pays a cash contribution to the work of analysing the documentation received for this purpose, the level of which is annually approved by ANRE by order under the law.

-----  
Art. 31 was amended by section. 27, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

#### ART. 32

Appendixes. 1 to 12 are an integral part of this Regulation.

### APPENDIX 1

the Regulation

Renewable energy / electricity generation technologies

renewable energy systems eligible for promoting green certificates, according to European Commission Decision

C (2011) 4938 on State aid SA 33134 (2011 / N) - Romania -  
Green certificates for promoting electricity production  
renewable energy

1. Hydraulic Power used in plants with an installed capacity of 10 MW
2. Wind energy used in new plants and in groups / plants that have been used to produce electricity in other states, if used in isolated systems or have been operating in Romania before the application system promotion provided by [Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, with subsequent amendments
3. Solar
4. Biomass derived from:
  - Waste products used both in the plants producing electricity exclusive and in cogeneration;
  - Energy crops used in the plants producing electricity exclusive.

- 5. landfill gas used in the plants producing electricity exclusive
- 6. Gas fermenting sludge from wastewater treatment plants used in the plants producing electricity exclusive

ADDENDUM 2

the Regulation

[Header producer of electricity from renewable energy sources]

Application for accreditation for granting promotion system through green certificates \* 1)

\* 1) To be completed by the applicant legal entity.

Mister President,

The undersigned [name and surname], as the representative [general manager / unique administrator / authorized] economic operator registered with the Trade Register with the name [name of company] with its registered office in [name of village / town / city, street number . County], no. phone [no. Phone], no. fax [No. fax] and your [specification / account number / ROL], opened bank [bank name], branch [name / location of the branch where the account is held company], no production license holder. [No. production license] dated [date of issue of the license for production] [if licensee] request accreditation / accreditation preliminary / temporary accreditation period ..... \*) for granting promotion system green certificates for electricity produced from renewable energy sources, according to the Addendums to this application.

Contact person who provides relationship with the Romanian Energy Regulatory Authority accreditation process is Mr / Ms .....

\*) Specify the duration of the promotion system through green certificates established according to art. 15 of the Rules of accreditation of producers of electricity from renewable energy sources for the implementation of the green certificate promotion system, approved by [Order of the President of the Romanian Energy Regulatory Authority no. 48/2014](#), respectively probation for 24 months and preliminary accreditation for temporary accreditation.

CEO,

.....  
[Name and signature]

Date

.....

Application for accreditation for granting promotion system through green certificates \* 2)

\* 2) To be completed by the applicant individual.

Mister President,

The undersigned [name and surname], residing in ..... (full address) in the town ....., ..... County, holder of BI / CI series. .... No. ...., Issued on ..... CNP ....., owner of the power plant to produce electricity renewable energy installed electric power (below 100 kW) of ..... located in ..... (full address) in the area ..... County ....., seek accreditation / accreditation during the preliminary ..... \*, the awarding of the green certificate promotion system for electricity produced from renewable energy sources, according to the Addendums to this application.

\*) Specify the duration of the promotion system through green certificates established according to art. 15 of the Rules of accreditation of producers of electricity from renewable energy sources for the implementation of the green certificate promotion system, approved by [Order of the President of the Romanian Energy Regulatory Authority no. 48/2014](#), respectively probation for preliminary accreditation.

.....  
[Name, surname and signature]

Date

.....

ADDENDUM 3

the Regulation

INFORMATION

data transmission nominated contact person  
information required accreditation

\*T\*

Economic Operator Name / individual .....  
Contact name or position held .....  
Address .....  
City / Town .....  
Postcode County .....

Nr. No. .... phone. fax .....

E-mail .....

\*ST\*

APPENDIX 4

To the Regulation

INFORMATION

the location of the power plant producing electricity renewable energy subject to accreditation \*)

\*) For operators who hold more power plants to be completed for each of them.

\*T\*

- 1. Name of the power plant: ... Name of the site ... Address ... City / Town ... Postcode County ... Installed power [MW] ... The network operator is connected to the power plant ... Renewable energy sources used ... Other fuels ...

\*ST\*

- 2. The power plant is / is not used in isolated power systems.

ADDENDUM 5

the Regulation

THE DESCRIPTION

power plant for the requested accreditation

Accreditation will contain documentation for each group / power plant following information:

- 1. Single wire diagrams, which are groups figured electric mode power consumption own technological power, connection to the grid, point / points of separation between accreditation and the facilities of the applicant belonging to the central network that is connected, group / groups of electricity metering. 2. Scheme thermo mechanical specifying points and metering equipment for fuels used in power plants that use geothermal energy, biomass, bio liquids, biogas, gas from the processing of waste sludge fermentation gas from wastewater treatment facilities. Thermo mechanical scheme will include all groups of existing electricity production in power, regardless of the fuel used (renewable energy and / or fossil fuel). 3. List of equipment and their characteristics

\*T\*

\*Font 7\*

Table with 9 columns: Equipment (turbine, generator electric, photovoltaic panel, inverter, boiler energetic, unit simultaneous of co-generation, steam boiler industrial, hot water boiler etc.) - denomination and number of equipments; Producer/year; Model; PIF; Year first at accreditation; Year PIF applicant; Type of technology; PIF; Year PIF applicant; Type of equipment; Type of renewable energy source where production is; Level of installed capacity per group/connected; Capacity installed on each power plant; Capacity maximum level; Capacity installed on each power plant; Capacity maximum level. Includes a note: [accordingly]\*).

.....													
-------	--	--	--	--	--	--	--	--	--	--	--	--	--

\*ST\*

\*) For groups / power plants that generate electricity from renewable cogeneration, CHP technology specified and used as stipulated by [>Government Decision no. 219/2007](#) on the promotion of cogeneration based on useful heat demand.

4. List of electricity metering equipment

\*T\*  
\*Font 8\*

Identifier in the simplified electric diagram	Series	Owner of the measuring equipment	Year of installation	Producer/Model	Measured service	Exit - value	Exit - measurement unit	Precision class	Periodicity metrologic measurement/Date of the last check-up
.....									

\*ST\*

5. notes on the type of equipment - new or reused

6. Other information the applicant deems useful in the accreditation process for the Romanian Energy Regulatory Authority.

NOTE:  
Where economic operators holding more power plants to be completed for each of them.

ADDENDUM 6

To the Regulation

Estimate on the electricity produced from renewable energy sources (RES-E)

\*T\*  
\*Font 8\*

	Prognosis of production of E-SRE*1) [MWh]											
	Month1	Month2	Month3	Month4	Month5	Month6	Month7	Month8	Month9	Month10	Month11	Month12
Plant/Group												
.....												

\*ST\*

\*1) Production prognosis of E-RES delivered into the network and / or consumers, including personal consumption, other than own consumption.

ADDENDUM 7

To the Regulation

LAYOUT OF REPORTING  
the investment costs for achieving group / plant  
electricity producing electricity from renewable  
energy\*T\*

\*Font 8\*

	UM	Group1	Group2	...	Groupn	Total power plant
1 General data						
Denomination of the project/power plant:						
Installed electrical capacity on each group from the power plant/location:	MWe					
Thermal installed capacity on each power plant group:	MWt					

	Life of every group:	years					
	PIF year for every group:						
2	Total investment value (without VAT):	lei					
	wherefrom:						
	Power plant land acquisition cost	lei					
	Equipment acquisition cost, wherefrom:	lei					
	Turbo generator	lei					
	Other main equipment specific to the type of power plant	lei					
	Cost total connection, wherefrom:	lei					
	Transformers	lei					
	Other equipment interconnection station	lei					
	Electric line	lei					
	Meter + meter mounting	lei					
	Power plant land	lei					
	Reception/activation	lei					
	Costs for obtaining rights of use and encumbrance	lei					
	Other project planning and development costs, including PIF	lei					

\*ST\*

ADDENDUM 8

To the Regulation

CONDITIONS AND CRITERIA

For the accreditation of retrofitted hydropower plants

1. For the purposes of the Regulation, a hydroelectric power plant refurbishment includes:
  - a) full replacement operations for one or more groups of electrical turbine rotor and / or inlet nozzles or unit director and / or intake valves with components that have been used to produce electricity; and / or
  - b) execution of hydraulic works in all hydropower development, modernization hydro, hydro investment in equipment, electrical equipment, automation, communication and security.
2. Proof of completion of refurbishment operations provided for in pt. 1 is based on the following documents:
  - a) Minutes reception on completion attesting to carry out the works set out in the feasibility study or other studies that were the basis for triggering refurbishment operations;
  - b) Minutes reception commissioning;
  - c) the report by an independent auditor confirming that the gross book value of assets related to electric Group / hydroelectric after refurbishment is less than 1,500 Ç / kW installed.
3. revamping operations assimilate replacement of any power group belonging to a hydroelectric power plant, and the installation of new power groups in a hydropower plant or a pre-existing hydrotechnics previously used for energy purposes.
4. If retrofitted hydropower plants, granting green certificates is subject to accreditation by meeting the requirements of the Regulation.

ADDENDUM 9

the Regulation

STATEMENT  
on the enjoyment of other  
aid state aid

Mister President,

\*T\*

The undersigned, ..... [name and surname] ....., as  
Representative ..... [general manager / unique administrator / authorized] the .....  
economic operator registered with the Trade Register

name .... [name of company] ..... with headquarters  
in ..... [the municipality / city / municipality, street number. county] .....,  
no. Phone ... [nr. Phone] ..., nr. fax ... [nr. fax] ... and  
account ..... [specification / account number / ROL] .....  
open bank ..... [commercial bank name] .....  
branch ... [name / location of the branch where the account is opened  
company] ..., licensee production  
no. .... [No. production license] dated ....  
by ... [the date of issue of the license for production] .....,  
[If licensee]

knowing art. 326 of the Criminal Code regarding false statements,  
I declare that, to date this declaration, the group boiler / central  
or electrical components of his / has / have or does not have / do not have  
other aid received state aid. \*)

..... [Name and signature] .....

Date .....

\*ST\*

\*) If received, will specify the type of aid and its amount.

Appendix 9 has been replaced by Addendum of the [ORDER no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of 9 July 2015, on pts. 28, art. I the same law.

#### ADDENDUM 10

the Regulation

#### STATEMENT

the accuracy of the information provided by the National Authority  
Energy Regulators

Mister President,

The undersigned [name and surname], as the representative [general manager / unique administrator / authorized] economic operator registered with the Trade Register with the name [name of company] with its registered office in [name of village / town / city, street number . County], no. phone [no. Phone], no. fax [No. fax] and your [specification / account number / ROL], opened bank [bank name], branch [name / location of the branch where the account is held company], no production license holder. [No. production license] dated [date of issue of the license for production] [if licensee]

knowing art. 326 of the Criminal Code regarding false statements, declare that the data provided by the Romanian Energy Regulatory Authority for accreditation to apply the system of green certificates is accurate and complete.

.....  
[Name and signature]

Date

.....

#### ADDENDUM 11

To the Regulation

#### CALCULATION

number of green certificates (CV) granted for electricity  
produced from renewable energy sources (RES-E) in plants / units  
Electrical receiving additional state aid investment

1. The reference values of specific indicators for each renewable energy source (RES) / technology of E-RES approved by the European Commission considered in the calculations submitted in the licensing process of promotion system established by CV set by [Law No. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, as amended and supplemented, are given in Table 1.

Table 1

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	Specific investment (EUR/MW)	Fixed cos unit (EUR/MW)	Variable cost per unit (EUR/MWh)	Factor capacity (%)	Ratio H/E (-)
	(1)	(2)	(3)	(4)	(5)

New windmill units	1.570.000	30.000	10	25	-
Reused windmills	650.000	45.000	10	16	-
New hydro plants, Pi ≤ 10 MW	3.700.000	30.000	10	28	-
Hydro upgraded plants, Pi ≤ 10 MW	1.700.000	40.000	10	24	-
Old hydro plants, Pi ≤ 10 MW	185.000	52.000	10	20,5	-
Biomass biologic residues - co-generation	4.700.000	270.000	80	83	1
Biomass biologic residues - exclusive electricity production	3.850.000	175.000	52	74	-
Biomass energetic cultures - exclusive electricity production	4.250.000	210.000	75	66	-
Fermentation gas from municipal waste & used water- exclusive electricity production	2.400.000	182.000	10	65	-
Solar	3.500.000	38.000	10	16	-

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2. For stations / groups of RES-E production benefiting one or more additional state aid is calculated R (d) with the following formula:

$$R(d) = V(A) / VR(IS)$$

where V (A) is the specific amount of aid investment enjoyed by the central / group production of E-RES (measured as the ratio of the total amount of aid investment received and installed power plant / group production of E-RES ), in lei / MW and

VR (IS) is the reference to the specific investment calculations provided the Commission considered in the process of authorizing the promotion system SRE proper CV, respectively production technology of E-RES, determined according to Table. 1 and calculated in lei / MW at the exchange rate of the National Bank of Romania on the day of the Romanian Energy Regulatory Authority (ANRE) accreditation request.

NOTE:

The plants / groups of RES-E production that uses two or more types of biomass, VRIS considered in the calculation is the highest value of the specific investment benchmarks for the types of biomass used in the production of RES-E.

3. Calculate the reduction coefficient C (r) with the following formula:

$$C(r) = R(d) \times F(cor)$$

where F (cor) is a correction factor that varies according to the production technology of RES and RES-E used and has values in Table 2.

Table 2

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\*Font 7\*

	Plants windmills new	Plants/ groups windmills re used	Plants new hydro, Pi ≤ 10 MW	Plants hydro upgraded- Pi ≤ 10 MW	Biomass - hydro existing, co generation	Biomass - hydro residues biologic- production	Biomass - hydro residues biologic- production exclusive electricity	Gas of cultures energetic- cleaning	fermentation of wastes and of muds used exclusive of
Solar									
from the units									
waters									
production									
electricity									
[RIR [%]	10,9 11,8	9,9	10,2	10,3	2,1	10,5	10,6	11,3	

F (cor)	1,263	-	1,142	1,190	-	0,742	0,686	0,589
1,047	1,023							

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NOTES:

a) values F (chorus) are set out in Commission Decision C (2011) 4938 on State aid SA 33134 (2011 / N) - Romania - Green certificates for promoting electricity production from renewable energy sources.

b) If plants / groups of RES-E production that uses two or more types of biomass will consider F (cor) for the type of dominant biomass.

c) IRR - internal rate of return.

4. Number of CV given for electricity produced in plants / units receiving one or more additional State aid N (CV Corrected) is calculated using the formula:

$$N \text{ (CV Corrected)} = N \text{ (CV Law)} \cdot [1 - C(r)] [CV / MWh]$$

where N (CV Law) is the number of CV provided for in art. 6 para. (2) of the Act.

5. Where the investment aid is granted to some groups belonging to a power plant for the production of E-RES, with section algorithm. 2-4 applies to the whole of its installed capacity, as stated the establishment authorization issued by ANRE.

6. Where the investment aid is granted for a group / cogeneration power plant that uses both biological waste and energy crops reduced number of green certificates calculation is done using the formula in section. 4, using indicators specific group / cogeneration power plant and the number of CV results apply to both electricity cogeneration from waste, as well as that produced from energy crops. Supplementary certificate granted under [Art. 6 para. \(2\) of Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, as amended and supplemented, corrected, also from the formula pt. 4.

Pt. 6 of Addendum 11 was amended by section. 7 of [art. I of Order no. 138 of 1 September 2015](#) published in the Official Gazette no. 664 of September 1, 2015.

7. reference values and correction factors specific indicators for each renewable energy source (RES) / technology of E-RES which apply to groups / power plants accredited since 1 January 2014 are those set out in Table 3.

Pt. 7 of Addendum 11 was amended by section. 29, [art. I of Order no. 100 of 1 July 2015](#) published in the Official Gazette no. 508 of July 9, 2015.

Table 3

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	Specific investment (EUR/MW)	Fixed cost per unit (EUR/MW)	Variable cost per unit (EUR/MWh)	Factor capacity (%)	Ratio H/E (-)	F(cor)
	(1)	(2)	(3)	(4)	(5)	(6)
New windmills	1.204.000	31.000	11	25	-	1,499
Reused windmills	650.000	45.000	10	16	-	-
New hydro plants, $P_i \leq 10$ MW	2.370.000	79.000	23	28	-	1,331
Upgraded hydro plants, $P_i \leq 10$ MW	1.700.000	40.000	10	24	-	1,190
Old hydro plants, $P_i \leq 10$ MW	185.000	52.000	10	20,5	-	-
Biomass biologic residues - co-generation	4.700.000	270.000	80	83	1	0,742
Biomass biologic residues - exclusive electricity production	3.850.000	175.000	52	74	-	0,686
Biomass energetic cultures - exclusive electricity production	4.250.000	210.000	75	66	-	0,589
Fermentation gas from municipal and used waters - exclusive electricity production	2.400.000	182.000	10	65	-	1,047
Solar	1.870.000	26.000	17	17	-	1,061

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ADDENDUM 12

To the Regulation

METHOD OF CALCULATION

the expiry date of the application to reduce the number of green certificates (CV) granted for electricity produced from renewable energy sources (RES-E) in central / electric groups benefiting additional State aid investment

1. Monthly, based on information submitted by the TSO, the Romanian Energy Regulatory Authority (ANRE) calculates the value of CV E-RES producer not granted due to the mechanism of reduction, formula:

$$V \text{ (CV rendered)} = [N \text{ (CV Law)} - N \text{ (CV Corrected)}] \bullet [V \text{ (max CV)} + V \text{ (min CV)}] / 2 \text{ [RON]}$$

where V (max CV) and V (min CV) is the maximum or minimum CV established under [Law no. 220/2008](#) establishing the system for promoting energy production from renewable energy sources, republished, as amended and supplemented, hereinafter the Act for the year in which the investment aid granted.

2. ANRE sums not granted monthly values of CV manufacturer of E-RES and compare this amount with the amount of aid.

3. In the calendar month following the month wherein there is equality between the amount of the monthly CV and not granted investment aid received, ANRE shall issue a decision amending the accreditation decision of the respective manufacturer for CV application promotion system, which goes on granting number of green certificates provided for in art. 6 para. (2) of the Act.

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