



Romanian Energy Regulatory Authority

Energy Efficiency Department



NEWSLETTER
Recent developments in the field of
Energy Efficiency
August 2019

TABLE OF CONTENTS

- I. National legislation in the field of energy efficiency. Decisions, respectively ANRE Orders issued and published in the Official Journal of Romania. Documents related to energy efficiency, subject to public debate.....4
- II. Energy Efficiency Department's activity.....7
- III. Reports and studies of interest in the field of energy and energy efficiency.....10
- IV. Financing sources for energy efficiency.....11
- V. Future events in the field of energy and energy efficiency14

Notice

In accordance with the **Regulation for the attestation of the energy managers and the approval of the companies providing energy services** and with the **Regulation for the authorization of the energy auditors for industry** approved by **ANRE Decision no. 2794/17.12.2014**, with the subsequent modifications and completions, in the case of the extension of the validity of the certificate of energy manager, of the validity of the authorization of energy auditor, respectively of the validity of the authorization for the companies providing energy services, **the deadline** for submitting the extension request shall be taken into consideration, without exception, as follows:

I. Regarding the Extension of the validity of the energy manager attestation, the provision of **Art. 26 (2) letter a)** will be respected, according to which *“The extension of the validity of the attestation is approved by Decision of the Head of ANRE-DEE, upon the written proposal of the Attestation Commission, based on the following documents: a) the request for extension submitted with **at least 45 days before** the expiration date of the validity of the certificate, drawn up according to Annex no.7 to the Regulation”*.

II. Regarding the Extension of the validity of the energy auditor authorization, the provision of **Art. 27 (2) letter a)** will be respected, according to which *“The extension of the validity is carried out by Decision of the Head of ANRE-DEE, at the written proposal of the Authorization Commission, based on the following documents: a) the request for extension submitted with **at least 45 days before** the expiration date of the validity of the authorization, drawn up according to the **Annex no. 9** to the Regulation, for the energy auditor, natural person, and according to the **Annex no. 10** to the Regulation, for the energy auditor, legal person”*.

III. Regarding the Extension of the validity of the authorization for the companies providing energy services, the provision of **Art. 26¹ (2) letter a)** will be respected, according to which *“The extension of the validity of the authorization is approved by the Decision of the Head of ANRE-DEE, at the written proposal of the Attestation Commission, based on the following documents: a) the request for extension submitted with **at least 45 days before** the expiration date of the validity of the authorization, drawn up according to the annex no. 8”*. **The extension requests will be taken into account after their submission, in original, and after their registration at ANRE’s registry office.**

I. National legislation in the field of energy efficiency. Decisions, respectively ANRE Orders issued and published in the Official Journal of Romania. Documents related to energy efficiency, subject to public debate

Decision no. 1466 of 12th of August 2019 regarding the *establishment of economic operators who did not fulfill their estimated mandatory share of green certificates and of those who did not fulfill their legal obligation to purchase green certificates from the anonymous centralized spot market for green certificates for 2019, for the II quarter –*

<https://www.anre.ro/download.php?f=hq6Big%3D%3D&t=vdeyut7dlcecrLbbvby%3D>

Documents related to energy efficiency, subject to public debate

- **ANRE** elaborated and submitted to the **public consultation**, for a period of **30 days**, the **draft Order** for the approval of the Regulation for issuing technical opinions on energy efficiency within the multiannual investment financing program for the modernization, rehabilitation, retrofitting, extension or establishment of centralized heating systems 2019-2027:

<https://www.anre.ro/ro/eficienta-energetica/legislatie/documente-de-discutie-ee1387285443/eficienta-energetica1387285476/proiect-de-ordin-pentru-aprobarea-regulamentului-de-emitere-avize-tehnice-privind-eficienta-energetica-in-cadrul-programului-multianual-de-finantare-a-investitiilor-pentru-modernizarea-reabilitarea-retehnologizarea-extinderea-sau-infiintarea-sistemelor-de-alimentare-centralizata-cu-energie-termica-2019-2027&page=1>

According to the provisions of **Art. I paragraph (32) - (36)** of the **Government Emergency Ordinance no. 53/2019** regarding the approval of the Multiannual Investment Financing Program for the modernization, rehabilitation, retrofitting and extension or establishment of centralized heating supply systems for the localities and for the modification and completion of the Law on community services of public utilities no. 51/2006, ANRE verifies the technical documentation of the projects transmitted by the Administrations of the local public authorities from the administrative-territorial units that wish to obtain financing within the

Multiannual Program approved by GEO no. 53/2019, in order to issue the technical opinion on energy efficiency, under the conditions established by the regulation approved by Order of the President of ANRE.

- **ANRE** submits to the **public consultation** the **draft Order** for the approval of the Methodology for monitoring the public service of thermal energy supply in centralized system, respectively of heating and/or cooling urban systems:

<https://www.anre.ro/ro/energie-electrica/legislatie/documente-de-discutie-ee1/energie-termica/proiect-de-ordin-pentru-aprobarea-metodologiei-de-monitorizare-a-serviciului-public-de-alimentare-cu-et-in-sistem-centralizat-respectiv-a-sistemelor-de-incalzire-si-sau-racire-urbana&page=1>

By Law no. 204/2012 and Law no. 225/2016 was amended the Law on community services of public utilities no. 51/2006. In accordance with Art. 3 paragraph (3) and art. 13 paragraph (4) of Law no. 51/2006, republished, with the subsequent modifications and completions, the activities of production, transport, distribution and supply of the thermal energy are subject to the licensing, regulation and control of **ANRE**.

Comments and proposals will be sent to the following e-mail addresses: isandulescu@anre.ro and eugenia.mihalache@anre.ro. The **deadline** for submitting comments and proposals is **04.09.2019**.

- **ANRE** submits to the **public consultation** the **draft Decision** regarding the approval of the Procedure for verifying the compliance with the minimum criteria when elaborating the energy audits:

<https://www.anre.ro/ro/eficienta-energetica/legislatie/documente-de-discutie-ee1387285443/eficienta-energetica1387285476/proiect-de-decizie-privind-aprobarea-procedurii-de-verificare-a-respectarii-criteriilor-minime-la-elaborarea-auditurilor-energetice&page=1>

The present draft decision represents the version resulted from the analysis and processing of the observations and proposals received following the completion of the public consultation process held between **27.06.2019 - 26.07.2019**. Observations, proposals and/or recommendations to the above mentioned discussion document will be sent to the e-mail address info.eficienta@anre.ro. The **deadline** for submitting comments, proposals and/or recommendations is **10 days** from the date of publication of this discussion document on the website.

- **ANRE** submits to the **public consultation** the *draft Order for the modification and completion of some Orders of the president of ANRE regarding the commercialization of electricity produced in units of production of electricity from renewable energy sources with an installed capacity up to 27 kW per consumption point belonging to prosumers - version 1:*

<https://www.anre.ro/ro/energie-electrica/legislatie/documente-de-discutie-ee1/prosumatori1555066185/proiect-de-ordin-pentru-modificarea-si-completarea-unor-ordine-anre-referitoare-la-comercializarea-energiei-electrice-produse-in-centrale-electrice-din-surse-regenerabile-cu-putere-electrica-instalata-de-cel-mult-27-kw-apartinand-prosumatorilor1566826191&page=1>

Observations, proposals and/or recommendations to the above mentioned discussion document will be sent to the following e-mail addresses:

ion.dumitru@anre.ro, mjisa@anre.ro, nstanciu@anre.ro, spee@anre.ro.

The deadline for submitting comments, proposals and/or recommendations is **10 days** from the date of publication of this discussion document on the website.

II. Energy Efficiency Department's activity

The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy has published the *List of owners of guarantees of origin and their number held for July 2019 - E-RES suppliers. The state of the operations carried out in the Single Register of guarantees of origin* –

- ✓ <https://www.anre.ro/download.php?f=hq57gQ%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>

The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy has published the *Report on the authorization/attestation/approval in the field of energy efficiency* in July 2019 -

- ✓ <https://www.anre.ro/download.php?f=hq58gg%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>

The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy has published the *updated List on 09.08.2019 with the number of green certificates required to be purchased for the second quarter of 2019 by the economic operators who have the obligation to purchase green certificates* –

- ✓ <https://www.anre.ro/download.php?f=hq6AhA%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>

- The initiation of the dialogue with the representatives of the **Blockchain Romania Association - ABR** and with the **most representative actors of the energy sector**, in order to present a technological solution, based on the **Blockchain technology**, to ensure the communication from the prosumer and the Distribution Operator (OD)/the Transmission System Operator (OTS).

II. Energy Efficiency Department's activity

ANRE participates as **co-beneficiary**, starting **June 2019**, for a period of **42 months**, together with **19 other European organizations** within the **LABEL2020 project - New Label driving supply and demand of energy efficient products**, which aims to support all the stakeholders in the transition process from the energy label of type A +++ - D, to the original concept of A-G class. According to the provisions of Law no. 121/2014 on energy efficiency, with the subsequent amendments and completions, of the Government Decision no. 917/2012 on establishing measures for the application of Regulation 1369/2017 of the European Parliament and of the Council, the Delegated Regulations (EU) regarding the indication, through labeling and standard information about the product, of the energy consumption and other resources of the products with energy impact and for the repeal of some normative acts, ANRE ensures the supervision of the equipment and appliances market for which there are specific regulations regarding the energy efficiency and the ecological design, being designated as competent national authority for the market supervision for the product categories that are subject to the provisions of the abovementioned delegated regulations (EU) of the Commission.

The main objectives of the LABEL 2020 project are the following:

- ✓ to support the professional buyers and consumers through effective campaigns, services and information tools;
- ✓ to support the transparency of the energy label reclassification process;
- ✓ to support retailers and manufacturers in the correct and efficient application of the new label at points of sale and online sales channels;
- ✓ to support decision makers and other stakeholders in using and promoting the new label within national programs, initiatives and schemes;
- ✓ to support the development and exchange of best practices for information campaigns and support tools.

II. Energy Efficiency Department's activity

ANRE participates as **co-beneficiary**, together with **14 other European organizations** in the **project ENSMOV - Enhancing the Implementation and Monitoring and Verification practices of Energy Saving Policies under Article 7 of the EED**. The project is funded by the **European Commission**, through the **Horizon 2020 Program** and it aims to provide support to Member States and stakeholders in the implementation of energy efficiency policies. More specifically, over the next three years, it will help Member States to monitor, review, improve and implement energy efficiency policies by developing existing resources (projects) focusing on practical and strategic issues arising from Article 7 of the Energy Efficiency Directive (EED). The project is coordinated by the Institute for European Energy and Climate Policy Stichting (IEECP) and it will run from **June 2019 to May 2022 (36 months)**.

The main objectives of the ENSMOV project are the following:

- ✓ to facilitate and extend the exchange of knowledge and experience between Member States (MS) for the implementation of the policies set out by Article 7 of the EED;
- ✓ to develop a range of resources and tools tailored to the implementation of Article 7 of the EED in order to meet the specific needs of the Member States;
- ✓ to assist the national authorities in the implementation of the internal systems of monitoring, reporting and verification (MRV), in order to ensure solid data and information that will allow the (re)design of the policies by 2030.

Thus, in order to ensure the market surveillance activity for the equipment that falls within its tasks, apart from the specific actions, ANRE participates in the European projects intended to support the market surveillance activity and collaborates with stakeholders to provide support in the application of European directives and regulations, involving ANRE.

III. Reports and studies of interest in the field of energy and energy efficiency

- **Joint Research Centre (EC)** has published the **Report** - *“Analysis of the annual reports 2018 under the Energy Efficiency Directive”*.

This report discusses the progress towards the 2020 Energy Efficiency targets and towards the implementation of the provisions of the Energy Efficiency Directive 2012/27/EU (EED), providing an overview of the main energy trends in the European Union with special focus on the period 2005-2016. It is based on the last EUROSTAT data available and on the analysis provided by Member States within their Annual Reports 2018, under the EED. **The full Report can be consulted by accessing the following link:**

<http://publications.jrc.ec.europa.eu/repository/bitstream/JRC115238/kjna29667enn.pdf>

- **The International Energy Agency (IEA)** has published the **Report** *“The Future of Hydrogen. Seizing today's opportunities”*

At the request of the government of Japan under its G20 presidency, the International Energy Agency (IEA) has produced this landmark report to analyze the current state of play for hydrogen and to offer guidance on its future development. The Future of Hydrogen provides an extensive and independent survey of hydrogen that lays out where things stand now; the ways in which hydrogen can help to achieve a clean, secure and affordable energy future; and how we can go about realizing its potential. **The full Report can be consulted by accessing the following link:**

<https://www.iea.org/hydrogen2019/>

- **The European Commission** has published a new study which underlines the potential economic benefits of renewables for EU industry – *“Competitiveness of the renewable energy sector”*

According to this study, the investments in the renewables sector can provide major benefits in terms of competitiveness of EU industry, as well as providing a major boost for jobs and growth. Highlighting the significant economic contribution that renewables are already providing, the study identifies a number of potential solutions to bottlenecks and administrative hurdles that would provide an even greater boost to certain sectors. **The full Study can be consulted by accessing the following link:**

<https://ec.europa.eu/energy/en/studies/competitiveness-renewable-energy-sector>

IV. Financing sources for energy efficiency

Financing programs for energy efficiency at national level

- **ProCredit Bank** has developed a credit that supports businesses in becoming more efficient with **ProEco credit**. This credit is addressed to the investments in energy efficiency, technologies that produce energy from renewable sources, as well to the implementation of the measures aiming to protect the environment. **Information** regarding the volume of **ProCredit Bank's portfolio**, its division into the 3 above mentioned distinct categories, can be consulted at the following link: <http://eco.procreditbank.ro/>
- **ALPHA BANK's** lending offer also includes a dedicated offer for financing RoGBC's certified green houses. **With the special offer Alpha Green you can** buy a RoGBC certified "green" house/holiday home; build a house/holiday home that will be certified as "green" at the end of its construction, by RoGBC; arrange or consolidate a building using "green" materials.

Details related to the **Alpha Green** special credit offer can be consulted by accessing the following link:

<https://www.alphabank.ro/persoane-fizice/credite/credite-locuinta/alpha-housing-oferta-green>

- The real estate loan *Casa Ta Verde* made available by **Raiffeisen Bank** is intended for the acquisition of buildings that have energy efficiency certification granted by RoGBC (Romanian Council for Green Buildings). **Contracting such a credit offers the client multiple benefits:**
 - ✓ Significant savings through lower costs paid for energy and repairs
 - ✓ A superior quality of the building
 - ✓ A higher level of comfort
 - ✓ Maintaining the market value of the property over time, a "green" home being more stable than a non certified home
 - ✓ Preferential interest rate compared to the standard real estate loan by contracting the *Casa Ta Verde* loan. **More details regarding this real estate loan can be consulted by accessing the following link:** <https://www.raiffeisen.ro/persoane-fizice/produsele-noastre/credite/credite-imobiliare/credit-imobiliar-casa-ta-verde/>

Financing programs for energy efficiency at the European Union level

- **Cohesion Fund**

The EU's Cohesion Fund aims to reduce economic and social disparity between EU countries and promote sustainable development.

- **Connecting Europe Facility**

The Connecting Europe Facility (CEF) is the EU's €33 billion plan for boosting energy, transport, and digital infrastructure between 2014 and 2020.

- **Horizon 2020 and Horizon Europe**

Around €5.9 billion goes towards energy research and innovation projects in the EU's Horizon 2020 programme. These projects aim at the creation and improvement of clean energy technologies, such as smart energy networks, tidal power, and energy storage.

- **European Regional Development Fund**

The European Regional Development Fund (ERDF) aims to reduce economic and social disparity between the EU's regions. One of the ERDF's four priority areas for 2014-2020 is 'the low carbon economy'. A minimum percentage of ERDF funding must be channeled towards low carbon projects in regions: 20% for more developed regions, 15% for transition regions and 12% for less developed regions.

- **European Investment Bank and the European Fund for Strategic Investments**

- **The European Investment Bank (EIB)** helps finance energy projects by providing companies with loans and other financial instruments. The EIB also provides advice and expertise on administration and project development. EIB financed energy projects include renewable generation, infrastructure, and new technologies.

- **The European Fund for Strategic Investments (EFSI)** is a joint initiative between the **EIB Group** (the EIB and the European Investment Fund) and the **Commission**. It aims to mobilise private investment in projects which are strategically important for the EU, including the areas of energy efficiency, renewable energy, power grids and

interconnectors – all essential to speed up the decarbonisation of the EU economy.

- **Financing Energy Efficiency**

To meet the energy union objectives and support the transition to a clean energy system, there is a need to further unlock private financing, in particular for energy efficiency investments. Therefore, the EU provides support schemes and various initiatives to accelerate energy efficiency investments, but private investments are also needed.

More details related to the above mentioned programs can be consulted by accessing the following link: <https://ec.europa.eu/energy/en/funding-and-contracts/eu-funding-possibilities-in-the-energy-sector>

V. Future events in the field of energy and energy efficiency

ANRE recommends the series of Conferences organized in 2019 by energynomics.ro within the Communication Campaign "Energy Efficiency for Results that Matter":

- **October 30th, Oradea** - Energy efficiency - where do you start, with who you are talking to?
- **November 13th, Cluj-Napoca** - Energy efficiency - verified approaches, credible partners

More details related to these events can be consulted by accessing the following link:

<http://www.energynomics.ro/ro/evenimente-energynomics/>

- The 18th ERRA (Energy Regulators Regional Association) Energy Investment and Regulation Conference will be organized between 22nd – 24th of September 2019, in Riga, Latvia.

More details related to this event can be consulted by accessing the following link:

<https://www.anre.ro/ro/presa/comunicate/a-xviii-a-conferinta-erra-investitii-si-reglementare-in-domeniul-energiei>

- The International Association of Energy and Economy (IAEE), the Romanian Association of Energy and Economy (AREE) and CNR-CME organize, in September 5-6, 2019, at ISPE (Acad. Martin Bercovici Amphitheater), the Conference - *Energy Systems and the economic impact of the penetration of new technologies in the context of the Energy Union. The up-to-date situation of the nuclear field.*

The registration form for the symposium can be completed by accessing the following link:

<https://docs.google.com/forms/d/e/1FAIpQLScBxxPM4vb4mux82-Cqb9KlKpp3fXhhtoR8senlif0plLqZQ/viewform>

- On **September 16th, 2019**, starting **11:00 am**, at the **Palace of Parliament**, during **IEAS 2019, DK Expo** in partnership with **Investement Reports** is organizing the conference "*ROMANIA INTO THE FLOW - ENERGY OF THE FUTURE AND THE FUTURE OF ENERGY*". The event aims to bring to the fore the topical issues in the field of energy.

More details related to this event can be found by accessing the following link:

<http://www.ieas.ro/en/industry-conferences/>

- The **Society of Energy Engineers of Romania (SIER)** is organizing the "*National Conference and Energy Exhibition - CNEE 2019*", between **October 23rd – 25th, 2019**, in **Sinaia**.

In this regard, the necessary organizational steps have been taken in order to ensure the participation of a large number of energy specialists, to whom will be presented a variety of topics, mainly in the form of:

- Reports (to be supported during the 2019 CNEE Plenum and in the thematic sections)
- Round tables
- Tutorials
- Open Forums
- Books Micro Stand
- Expo CNEE 2019 exhibition of equipment, products and services with applicability in energy

At the same time, we inform you that those interested in participating with a report to support in the CNEE Plenary 2019 can send this proposal to SIER (office@sier.ro), for the purpose that they can be included in the **Invitation Program** printed by **CNEE 2019**.

More details related to the "National Conference and Energy Exhibition - CNEE 2019" we recommend you to access the event's website - <http://www.sier.ro/CNEE.html>

- *ESCOROM organizes the course "International certification of measurement and verification skills (CMVP) of the results of energy efficiency (EE) projects".*

The certificate of attestation for professionals (CMVP) is the most recognized specialization at international level, in measurement and verification. CMVP is granted by the Association of Energy Engineers (AEE) in collaboration with the International Institute for Energy Training (IET).

Objectives:

- ✓ Increasing the professional standard of those involved in measurement and verification
- ✓ Improving measurement and verification practices by encouraging specialists to participate in a continuous professional development training program
- ✓ Identification of persons with acceptable knowledge regarding the principles and practices of measurement and verification by completing the certification and meeting the internationally recognized performance standards
- ✓ Granting special recognition to those professionals who have demonstrated a high level of competence and ethical skills in measurement and verification

Duration: The specialization program that will be organized for the first time in Romania lasts for **three days** and covers all the methods applied for measuring and verifying energy efficiency (EE) projects. The program also includes the International Protocol for Performance Measurement and Verification (IPMVP®). The program ends with an examination to verify the accumulated knowledge, following which the Certificate of International Certification is granted.

Period of deployment and location: The program will be organized in **November**, with the condition to have a minimum number of applicants - **15 persons**.

In order to register or to get more information related to this course you can contact: carmen.pavel@escorom.ro