



Romanian Energy Regulatory Authority
Energy Efficiency Department



NEWSLETTER

RECENT DEVELOPMENTS IN THE FIELD OF ENERGY EFFICIENCY

July 2019

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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

- **In the Official Journal of Romania, Part I, no. 621 of 26th of July 2019** was published the **Order of the Vice Prime Minister, Minister of the Environment no. 479/2019** *approving the number of greenhouse gas emission allowances allocated free of charge for the year 2019 for each plant in the stationary sector in which one or more of the activities listed in Annex no. 1 to Government Decision no. 780/2006 on establishing the scheme for greenhouse gas emission allowance trading* are carried out.
- **In the Official Journal of Romania, Part I, no. 548 of 3rd of July 2019** was published the **GEO no. 53/2019** *regarding the approval of the Multi-Annual Financing Program for the modernization, rehabilitation, upgrading and extension or establishment of centralized district heating systems of localities and amending and supplementing the Public Utility Community Services Law no. 51/2006.*
- **Order of the President of the Romanian Energy Regulatory Authority nr. 155/24.06.2019** for the modification and completion of the *Methodology for determination and monitoring of the overcompensation of the production of electricity and thermal energy in high efficiency cogeneration benefiting from the bonus support scheme approved by the ANRE's President Order no. 84/2013* –

<https://portal.anre.ro/PublicLists/Ordin/GetOrdinFisier?IdOrdin=5022>

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

- **Order of the President of the Romanian Energy Regulatory Authority nr. 159/10.07.2019** for the modification and completion of the *Regulation for qualifying of the electricity production in high-efficiency cogeneration and of checking and monitoring of the fuel consumption and of electricity and thermal energy productions, in high-efficiency cogeneration, approved by the Order of the President of the Romanian Energy Regulatory Authority nr. 114/2013* –
 - ✓ <https://portal.anre.ro/PublicLists/Ordin/GetOrdinFisier?IdOrdin=5047>
- **Order of the President of the Romanian Energy Regulatory Authority nr. 160/10.07.2019** approving the *Regulation on the functioning of the centralized market for electricity from renewable sources supported by green certificates* -
 - ✓ <https://portal.anre.ro/PublicLists/Ordin/GetOrdinFisier?IdOrdin=5042>
- **Decision no. 1031 of 06 June 2019** for the amendment of annexes no. 1 and 2 to ANRE Decision no. 793/2019 regarding the establishment of economic operators who have not fulfilled the estimated mandatory quota for the acquisition of green certificates and of those who have not fulfilled their legal obligation to acquire green certificates from the centralized anonymous spot market of green certificates for the year 2019, first quarter –
 - ✓ <https://www.anre.ro/download.php?f=hquChQ%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>

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

Documents related to energy efficiency, subject to public debate

- ANRE elaborated and submitted to **public consultation**, for a period of **30 days**, the project of the ***Methodology for monitoring the system of promoting the production of electricity from renewable energy sources.***

The *Draft Methodology for monitoring the system of promoting the production of electricity from renewable energy sources*, hereinafter referred to as *Methodology*, represents the revised form of the *Methodology for monitoring the system for the promotion of electricity from renewable energy sources through green certificates*, approved by the ANRE's Order no. 52/2016, following the modification of the legislative framework by the entry into force of the provisions of Law no. 184/2018 for the approval of Government Emergency Ordinance no. 24/2017 regarding the modification and completion of the Law no. 220/2008 establishing the system for promoting the production of energy from renewable energy sources, republished, as subsequently amended and completed.

Comments, suggestions or recommendations related to the above mentioned procedure may be submitted, electronically, **within 30 days** since it has been uploaded on the website, to the email address - sremonitorizare@anre.ro.

Both, the note describing the Project and the document subject to the public debate can be consulted by accessing the following links –

<https://www.anre.ro/download.php?f=f6%2BAhg%3D%3D&t=wOutwdHbn8%2BcmLPfvrrV5ps%3D> &
<https://www.anre.ro/download.php?f=f6%2BAhw%3D%3D&t=wOutwdHbn8%2BcmLPfvrrV5ps%3D>

I.1. Energy Efficiency Department's activity

- Between **June 12th – 14th, 2019**, a representative of the **Energy Efficiency Department** within **ANRE** attended in **Bucharest**, the event hosted by **UPB** entitled "*Strategic Energy Technology Plan (SET) & the Meeting of the Commission for Energy, Climate Change and Environment Protection (ENVE) of the European Committee of the Regions*".

The event brought together **over 650 European stakeholders**, from national, regional and local level, representing the public and private sector, academics and EU policymakers, addressing the following **themes**:

- Strategies needed at local and regional level to scale-up and accelerate the renewable energy transition.
- Currently available investment options to harness the potential of businesses and to create low-carbon innovative economies at the local and regional level.
- Local challenges and solutions towards integration and coupling of different energy systems.
- Concrete ways the SET Plan contributes to both fast-tracking the renovation rates of building stocks and to increase energy efficiency.
- The pivotal role of local and regional authorities in the energy transition, from the integration of low-carbon and e-mobility solutions to the production and consumption of renewable energy.

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

<http://setplan2019.gov.ro/>

I.1. Energy Efficiency Department's activity

- On **June 20th, 2019**, a representative of the **Energy Efficiency Department** within **ANRE** attended the event organized by **CNR-CME** entitled "**Digitization of utilities - Blockchain and other technologies**".

The purpose of the event was to facilitate the strategic exchange of knowledge between experts from national and international organizations and policy makers, to identify in the same time the barriers to new technologies and to find solutions over how these can be eliminated at national level.

The main questions around which the discussion was held were as follows:

- Is the Romanian energy sector prepared for the new digitization technologies?
- What is the state of implementation of these technologies in Romania?
- What should be changed in the legislative and regulatory framework for optimal use of the new technologies?
- What future plans do the utilities and companies have?
- What impact is expected to have the use of the new technologies?

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

<https://dev.digitix.ro/cnr-cme/events/conferinta-digitalizare-in-utilitati-blockchain-si-alte-tehnologii/>

I.1. Energy Efficiency Department's activity

- On **June 27th, 2019**, a representative of the **Department for Energy Efficiency** within **ANRE** attended a consultation session, along with other stakeholders, on "*The framework of the long-term renovation strategy to support the renovation of the National Residential and non-residential Buildings Park, public and private*", an event organized by the **World Bank** in **Bucharest**, at **Sheraton Hotel - Platinum Hall**.

The main objectives of these consultations were to collect the opinions of the relevant factors regarding the framework of the long-term Renovation Strategy, including:

- **the context of the Strategy and the national energy efficiency objectives;**
- **the national real estate park - the current situation, the possible evolution of the renovation rate, the analysis of the renovation activities;**
- **strategy objectives, indicators, public policies and measures;**
- **options for implementing institutional, organizational and financial mechanisms.**

- On **July 4th, 2019**, a representative of the **Energy Efficiency Department** within **ANRE** attended the **first regional workshop** organized under the auspices of **CEE CLIMATE POLICY FRONTIER**, event that took place at the headquarters of the **Romanian-American Foundation**. Stakeholders from the countries of the Visegrád Group (Hungary, Czech Republic, Slovakia, Poland), together with **Romania** and **Bulgaria**, exposed the energy efficiency issues related to the respective countries, divided in two major areas: **buildings** and **transport**. Two **Working Groups** were organized, in parallel, with general presentations, discussions on the applicability of good policy practices in the CEE region and the establishment of the following stages in the fields of: public and private fleets of "clean" vehicles, respectively energy efficiency in buildings (where **the representative of ANRE held a presentation entitled: "Energy Efficiency in Buildings-General Considerations on Legal and Regulatory framework"**).

I.1. 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 June 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=hq19iA%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>
- The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy has published the *Report on Energy Managers' Attestation, Approval/Authorization of Power Supply Companies and the Authorization of Industry Energy Auditors in June 2019 –*
 - ✓ <https://www.anre.ro/download.php?f=hq1%2Bgw%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>
- The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy has published the *List of production capacities for electricity and heat in cogeneration with final accreditation - rev. 30 -*
 - ✓ <https://www.anre.ro/download.php?f=hq2AiQ%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>
- The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy has published the *situation of the number of green certificates to be purchased by the economic operators with the obligation to purchase green certificates in the second quarter of 2019 –*
 - ✓ <https://www.anre.ro/download.php?f=hq2Cgg%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>

I.1. Energy Efficiency Department's activity

- **The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy** has published the *Monitoring Report of the support scheme for promoting cogeneration based on the demand for thermal energy, 1st quarter 2019* –
✓ <https://www.anre.ro/download.php?f=hqt%2BhA%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>
- **The General Directorate for Energy Efficiency, Renewable Sources, Cogeneration and Thermal Energy** has published the *Monitoring Report of the support scheme for promoting cogeneration based on the demand for thermal energy - regulatory framework and scheme description, 2019* –
✓ <https://www.anre.ro/download.php?f=hqt%2Bgw%3D%3D&t=vdeyut7dlcecrLbbvbY%3D>

I.1. Energy Efficiency Department's activity

- Between **June** and **July 2019**, representatives of the **Energy Efficiency Department** within **ANRE** performed the **METIS software testing**, developed by **ARTELYS**, period during which several analyzes, simulations and compilations of models developed in **METIS** were carried out.

The actions taken and the results obtained after the **METIS software** was used during the trial period were structured according to the *Action Plan on the use of METIS software* for **30 days**, at **no cost**.

These actions were presented to ANRE management through the **Analysis Report on the use of METIS software**, a document approved by ANRE President.

More details on the METIS software can be found on the European Commission website –

- ✓ <https://ec.europa.eu/energy/en/data-analysis/energy-modelling/metis>
- **The Energy Efficiency Department** within **ANRE** has published on **ANRE's website**, the English version of the **Prosumer's Guide which sells electricity at regulated prices –**
- ✓ <https://www.anre.ro/en/electric-energy/legislation/prosumers>
- 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. Reports and studies of interest in the field of energy and energy efficiency

- **CEER (Council of European Energy Regulators)** has published the **Report** *“Implementing Technology that Benefits Consumers in the Clean Energy for All Europeans Package - Selected Case Studies”*.

The Report seeks to contribute to a heightened awareness and understanding of the new provisions adopted in the recast Electricity Directive, with a view to facilitating their implementation and application by NRAs, policy-makers, market actors and consumers.

The Report focuses on **three topics** in the Directive:

- ✓ **lessons learnt relating to on-demand smart meter roll-outs**
- ✓ **dynamic prices and data**
- ✓ **exchange and interoperability**

The full report can be found by accessing the following link –

- ✓ <https://www.ceer.eu/documents/104400/-/-/bd457593-900f-f995-eac4-ed989255b26f>
- **The Coalition for Energy Savings** has published a **set of recommendations** entitled *“EU priority actions for a fast, fair and attractive energy transition 2019-2024”*.

This document was issued in the context of which the EU has set minimum energy efficiency levels through its 2030 targets. Given the fact that the taken actions and measures are yet insufficient to accelerate the renovation of our ageing buildings, this material proposes four recommendations for both the new European Parliament and the Commission on how to eliminate the gap –

- ✓ http://www.energycoalition.eu/sites/default/files/20190611_Position%20new%20EP_recommendations.pdf

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

- **The International Renewable Energy Agency (IRENA)** has published the **Report** “*Renewable Energy Statistics 2019*”.

Thus, IRENA publishes comprehensive and reliable data on the capacity and use of renewable energy worldwide. The Report “*Renewable Energy Statistics 2019*” provides data sets on the capacity of energy generation for the period 2009-2018, the actual energy production for the period 2009-2017 and the balance sheets of renewable energy for over 130 countries and areas, related to the period 2016-2017.

The full Report can be consulted by accessing the following link:

- ✓ https://ec.europa.eu/info/news/driving-energy-efficiency-european-building-stock-new-recommendations-modernisation-buildings-2019-jun-21_en

- **The International Energy Agency (IEA)** has published the **Report** “*The Role of Gas in Today's Energy Transitions*”.

Natural gas plays many different roles in the energy sector and if it can replace other polluting fuels, it also reduces air pollution and limits CO₂ emissions. But how widespread and sustainable is their role in clean energy transitions?

The Report “*The Role of Gas in Today's Energy Transitions*” examines the role of fuel switching, primarily from coal to natural gas, to reduce emissions of carbon dioxide and air pollutants. Four case studies, covering the United States, the European Union, the People’s Republic of China, and India, reveal the various opportunities, hurdles and limits of fuel switching as a way to address environmental challenges.

The full Report can be consulted by accessing the following link:

- ✓ <https://webstore.iea.org/the-role-of-gas-in-todays-energy-transitions>

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

- **The World Energy Council** has launched a new **Outlook Report - "Energy Infrastructure: Affordability Enabler or Decarbonisation Constraint?"** which includes exclusive information based on a series of interviews with World's leaders in the energy sector.

The transition to a decarbonised energy system implies that, part of the existing energy infrastructure will be blocked or decommissioned too early, situation which creates the need for a coordinated action plan to minimize costs. This report provides a set of principles on how to develop an efficient action plan for energy infrastructure.

The full Outlook Report can be consulted by accessing the following link:

- ✓ <https://www.worldenergy.org/publications/2019/world-energy-insights-brief-energy-infrastructure-affordability-enabler-or-decarbonisation-constraint/>

- **The European Commission** has launched a new report on the topic: **"Distribution System Operators Observatory 2018"**, which presents an extensive analysis of the situation of the energy distribution system operators in Europe, after the first financial year 2016.

The report is based on information provided directly by 99 (out of 191) distribution systems operators, which serve over 100,000 customers, and it focuses on the technical and regulatory changes that have impact over them.

The full Report can be consulted by accessing the following link:

- ✓ <https://ec.europa.eu/jrc/en/publication/eur-scientific-and-technical-research-reports/distribution-system-operators-observatory-2018>

III. 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 ERA (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>