



Republic of Serbia
Ministry of Mining and Energy

DIRECTIVE 2012/27/EU Articles 9, 10, 11, 14
and Energy Labeling Regulation
Status of implementation in Republic of Serbia

28 th ENERGY EFFICIENCY COORDINATION GROUP MEETING AND WORKSHOP

Wednesday, March 9th 2022.

DIRECTIVE 2012/27/EU - Articles 9,10,11

Article 9	Metering for gas and electricity, heating, cooling and domestic hot water
Article 10	Billing information for gas and electricity, heating, cooling and domestic hot water
Article 11	Cost of access to metering and billing information for electricity and gas, heating, cooling and domestic hot water

- **Law on energy efficiency and rational use of energy LEERUE**(„Official journal RS”, No 40/21)
- **Energy Law EL** („Official journal RS”, No 145/2014 и 95/2018 – other law)
- **Decision on the procedure** for realization the right of the end customer to access data on its own consumption of electricity and natural gas of the Council of the **Energy Agency of the Republic of Serbia**, No. 499/2016-D-I of 27 July 2016
- **Consumer Protection Law CPL** („Official journal RS”, No 62/14, 6/2016 – other law и 44/18 - other law),
- **Rulebook** on the methodological framework for determining the technical feasibility and cost-effectiveness of equipping a building, on which detailed energy rehabilitation is performed, with devices for regulating and measuring the heat delivered to the building, and, where is, domestic hot water (**art 37. para 4**)
- **Rulebook** on the methodological framework for determining the technical feasibility and cost-effectiveness of the installation of devices to increase the energy efficiency of the use of thermal energy in bldgs. (**art 51.para 6**)

Article 9 - Metering for gas and electricity, heating, cooling and domestic hot water

Natural gas & electricity

– **Energy Law (EL) - art 115,138,263,253,362**

Transmission system operator, distribution system operator, determines the technical requirements for various types of **advanced metering systems**, assesses technically, economically, makes implementation plan, effects to the market and benefit to the customers

– **Law on energy efficiency and rational use of energy (LEERUE), art 49**

On customer request system operator shall install measuring device for gas/el. at the expense of customer.

Heat/Cooling/DHW

LEERUE, art 37/art 51

The Investor/distributor is obliged to install the following devices in each new or detailed rehabilitated building:

- 1) regulating devices and devices for metering supplied heat to the buildings, and for metering supplied DHW;
- 2) devices for measuring the supplied heat for each part of the building, and for domestic hot water;
- 3) devices regulating the supplied heat for each heat-generating device.

LEERUE art 52

The supplier of heat is obliged, in accordance with the pricing methodology, **to set the prices** of heat to the final customers

LEERUE art 51

The buildings connected to DHS for the first time, should have the function of **remote data reading** (condition of technical feasibility and cost-effectiveness)

Article 9 - 2 Rulebooks

1. **Rulebook on the methodological framework for determining the technical feasibility and cost-effectiveness of equipping a building, on which detailed energy rehabilitation is performed, with devices for regulating and measuring the heat delivered to the building, and, where is, domestic hot water (art 37. para 4.) - drafted**

- **Obligation of investors:** to equip the installation for heat delivering of each new building or building that is thoroughly energy rehabilitated with devices for: regulating and devices for measuring the amount of heat transferred to the building, and where is applicable, for domestic hot water, if it is technically feasible and cost-effective, as well as to equip the installation for measuring the amount of heat delivered for each part of the building/domestic hot water

2. **Rulebook on the methodological framework for determining the technical feasibility and cost-effectiveness of the installation of devices to increase the energy efficiency of the use of thermal energy in buildings (art 51. para 6) - drafted**

- **Obligation of distributors:** differences have been established between the existing situations when end customers are connected to the district heating system or when they are just about to connect, due to the fact that the application of unbundling of heat supply meters is differently cost-justified in different cases. Therefore, cost-effectiveness assessment has been introduced. This Rulebook determines the methodological framework for the technical feasibility and cost justification for installation: devices that measure the transferred heat energy to the building or part of the building, or heat distribution on each radiator, as well as devices for measuring the supply of domestic hot water to the building or part of the building, where applicable.

Article 10 - Billing information for gas and electricity, heating, cooling and domestic hot water

Natural gas & electricity

– LEERUE, art49/50

- System operators are obliged to install, for the final customers, a **device for measuring the supplied amount of energy**
- Energy Agency – **set up methodology for prices**, reflecting savings, either by EE measures in consumption or production side

Heat/Cooling/DHW

– LEERUE, art 53

Suppliers are obliged to provide the final customer once a month:

- **total amount of energy supplied** in the billing period and **monthly consumption of energy over the previous 12 months;**
- **ratio: supplied amount of energy in the billing period / corresponding billing period of the previous calendar year;**
- **average price** of energy for that customer in that billing period, **prices by elements** for the **billing of consumed energy,**
- **ratio: energy supplied to the final customer/average amount of energy supplied to final customers of the same category;**
- used mix of fuel and, annual greenhouse gas emissions (for systems with a total installed heat capacity exceeding 20 MW);
- applied taxes; possibility of lodging a legal remedy for the billing; contact data and e-mail where the final customer or the organisation for protection of consumers may receive information on available measures for an increase of energy efficiency and list of measures that can be undertaken for the purpose of energy saving; as well as other data which may be relevant for efficient energy use (e.g. indicator of specific energy consumption).
- **electronic bill on the request w/ no charge**

Article 11 - Cost of access to metering and billing information for electricity and gas, heating, cooling and domestic hot water

Natural gas & electricity and Heat/Cooling/DHW

– **EL- art 56**

- **Energy Agency - Decision on the procedure** for realization the right of the end customer to access data on its own consumption of electricity and natural gas of the Council of the Energy Agency of the Republic of Serbia, No. 499/2016-D-I of 27 July 2016

Access to data on own consumption of energy is free of charge

– **LEERUE, art 53**

- Trader, at the request of the final customer, shall submit invoices for the supplied energy, in electronic form as well, without additional costs, with all final customer data protection measures

– **Consumer Protection Law CPL CPL – art 91.3, 5**

- The trader is obliged to provide the consumer with a detailed specification of the invoice free of charge at his request.

EED - Article 14

- **Law on energy efficiency and rational use of energy LEERUE, art 117**
 - prescribes the **obligation of the Ministry to prepare an analysis** of the potential for highly efficient cogeneration and the possibility of using efficient district heating / cooling
 - In order to support efficient cogeneration and increase of energy efficiency in energy production sectors a study on potential for cogeneration implementation was developed through IPA financed project “Promotion of renewable energy sources and energy efficiency - part B: Promotion of CHP generation and energy efficiency” in 2012.
- **Plans:**
 - EBRD will assist in the preparation of analysis through the Project Renewable District Energy in Serbia – Phase 1 (“ReDE Serbia”)
 - ToR for analysis is in preparation

EED - Article 14

- **Law on energy efficiency and rational use of energy LEERUE,**
 - **Art. 54 of the LEERUE** prescribes obligation for the new and reconstructed energy facilities for cogeneration with an installed capacity of 1 MW or more to meet the minimum requirements in terms of energy efficiency.
 - **Art. 55 of the LEERUE** prescribes for an energy facility for production of heat or electricity with an installed capacity of 5 MW or more, to prepare a study of energy efficiency that must also contain a techno-economic analysis in case of cogeneration in an energy facility.
 - **Articles 78-83 and 89-116 of the LEERUE** prescribes non-financial incentives and financial incentives for highly efficient cogeneration. The electricity producers in: micro-cogeneration unit, small cogeneration and highly efficient cogeneration with an installed capacity of 500 kWe and more, up to 10 MWe are eligible for financial incentives.
 - **Articles 84-88 of the LEERUE** prescribes Guarantees of origin for high efficiency cogeneration. The producer of electricity in high efficiency cogeneration has the right to guarantees of origin for the produced electricity.

Transposition and implementation of Regulation regarding Energy Labeling (D/2018/3/Mc-EnC)

- **Transposition and implementation of Regulation (EU) 2017/1369:**
 - **Legal base** for transposition: set in new LEERUE
 - **Full transposition** will be achieved through: New Decree on energy labelling which is drafted;
- **Commission Delegated Regulation (EU) No 518/2014, with regard to labelling of energy-related products on the internet**
 - Already included in all Rulebooks, transposing labelling requirements of delegated acts, adopted from 2017th;
- **Already adopted new labelling requirements for:**
 - washing machines (2019/2014),
 - refrigerators (2019/2016),
 - dishwasher (2019/2017)
 - electronic screens (2019/2013),
- **in process of adoption:** new labelling requirements for for light sources (2019/2015)
- **In drafting phase:** labelling of refrigerating appliances with a direct sales function

Transposition and implementation of Regulation regarding Energy Labeling (D/2018/3/Mc-EnC)

- **Commission Delegated Regulation (EU) No 2017/254, with regard to the use of tolerances in verification procedures:**
 - **Legal basis created LEERUE** for introduction of verification procedures in Rulebooks
 - **New Rulebooks will contain requirements** from 2017/254
- **Commission Delegated Regulations**
 - No 1254/2014 with regard to energy labelling of residential ventilation units,
 - No 2015/1186 with regard to the energy labelling of local space heaters,
 - No 2015/1094 with regard to the energy labelling of professional refrigerated storage cabinets and
 - No 2015/1187 with regard to energy labelling of solid fuel boilers
- **Transposition postponed**, waiting for the adoption of new labeling requirements in EU, which are planned until August 2023th;



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Thank you!