

**5th Annual Report
under the Energy Efficiency Directive**

Republic of Serbia

Prepared by: Ministry of Mining and Energy

June 2021

A. Key statistics and indicators

Estimation of key statistics and indicators in 2019	Value	Unit
Total primary energy consumption (*)	15265	ktoe
Total final energy consumption (*)	8386	ktoe
Final energy consumption – Transport (*)	2309	ktoe
Final Energy consumption – Industry (*)	2181	ktoe
Final energy consumption – Households (*)	2873	ktoe
Final energy consumption – Services (*)	870	ktoe
Gross value added by sector – Industry (**)	1708092.00	mil. RSD
Gross value added by sector – Services (**)	2772808.00	mil. RSD
Disposable income of households (**)	66 880	RSD
Gross domestic product (GDP) (**)	45970.4	mil. EUR
Electricity generation from thermal power plants (*)	2197	ktoe
Electricity generation from combined heat and power (*)	33	ktoe
Heat generation from thermal power generation (*)	502	ktoe
Heat generation from combined heat and power plants, incl. industrial waste heat (***)	95.5	ktoe
Fuel input for thermal power generation (*)	6318	ktoe
Passenger kilometres (pkm), if available (**)	8 148 ¹	mil. pkm
Tonne kilometres (tkm), if available (**)	12 771 ²	mil. tkm
Combined transport kilometres (pkm + tkm), in case that separate values for pkm and tkm are not available (**)		

¹ without public traffic (Statistical Office of the Republic of Serbia)

² without air traffic (Statistical Office of the Republic of Serbia)

Estimation of key statistics and indicators in 2019	Value	Unit
Population (**)	6.945	millions

Table 1: Key energy statistics data.

(*) Energy balance of the Republic of Serbia for 2021

(**) Statistical Office of the Republic of Serbia

(***) Draft Energy balance of the Republic of Serbia for 2021.

B. Overview of energy consumption trends

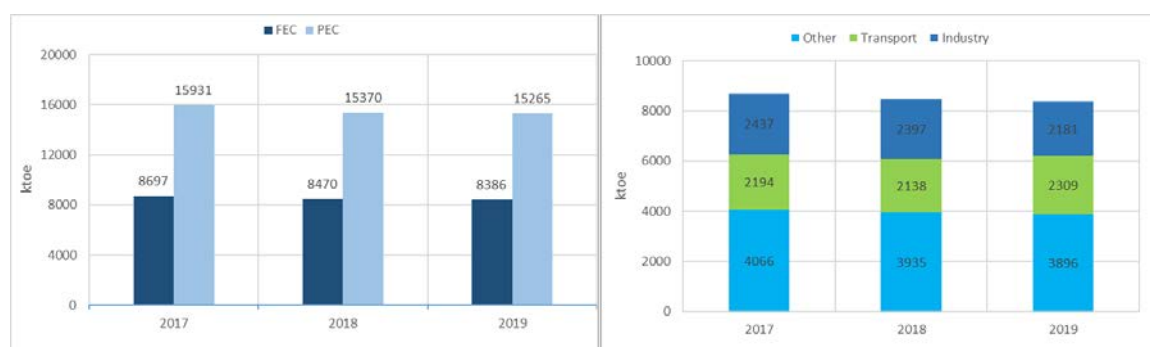


Figure 2: Final and primary energy consumption (left) and final energy consumption per sectors (right) in 2017 – 2019 (example).

C. National energy efficiency targets

TARGETS	2017	2018	2019	2020	2021
EED ARTICLE 3 [ktoe or other unit]		752.4			
EED ARTICLE 5 [ktoe or other unit]				12407.88 m2	12407.88 m2
EED ARTICLE 7 [ktoe or other unit]				317.5 ³	317.5 ⁴
PEC [ktoe]				17,981 ⁵	17,981 ⁶

³ EBRD REEP technical assistance

⁴ EBRD REEP technical assistance

⁵ According to POS

⁶ According to POS

FEC [ktoe]		9,377		13,103 ⁷	13,103 ⁸
FEC - BUILDINGS [ktoe]		248.79	278.3	308.1	337.7
FEC - INDUSTRY [ktoe]		73.6*	94.8	115.9	137.1
FEC - TRANSPORT [ktoe]		241.7*	256.8	271.8	286.9
FEC – OTHERS [ktoe]		97.0*	110.3	123.7	137.0
PRIMARY ENERGY INTENSITY [ktoe/mil.EUR]					NA
FINAL ENERGY INTENSITY [ktoe/mil.EUR]					NA

Figure 1: Division of targets per sectors and per different articles of EED (example)

EED article 7 target is presented as cumulative target, i.e. “cumulated” year-on-year, with overall 2020 target therefore as sum of all targeted savings during the whole implementation period 2017-2020 and 2021.

D. Update of measures implemented in last year

- **Legislative measures**

The Law on Energy Efficiency and Rational Use of Energy (“Official Gazette of RS”, No. 40/21, April 2021) (LEERUE)

EED, with the latest revisions (Directive 2013/12/EU, Directive (EU) 2018/844, Directive (EU) 2018/2002, Regulation (EU) 2018/1999, Commission Delegated Regulation (EU) 2019/826 and Directive (EU) 2019/944), was transposed through the Law on Energy Efficiency and Rational Use of Energy (Official Gazette of RS, No. 40/21 - hereinafter: LEERUE), which entered into force on April 30, 2021. LEERUE has defined the legal basis for bylaws, the adoption of which will achieve full compliance with the EED. Since 2013, the Law on Efficient Use of Energy (Official Gazette of RS, No.25/13 3 - hereinafter: ZEKE) has been in force, which, with its bylaws, already partially transposed the provisions of the EED that was in force at the time. ZEKE bylaws remain in force until the adoption of bylaws based on LEERUE. The Law was prepared under IPA 2014 project “Technical Assistance to the Ministry of Mining and Energy and relevant public entities for implementation of the new Energy Law, NEEAP, and the RES Directive”. The purpose of the Law is full alignment with EU regulation in energy efficiency field currently in force.

Among the most significant innovations related to the transposition of revised EED, which were introduced through LEERUE, the goals in the field of energy efficiency and measures for achieving them, in the coming period will be determined through the Integrated National Energy and Climate Plan (INEKP), instead through Energy Efficiency Action Plans. Legal basis for adoption of INEKP is defined in the Energy Law (“Official Journal” no 40/21). The law provides for the establishment of the Directorate for Financing and Promotion of Energy Efficiency as a body within the Ministry of Mining and Energy instead of the Budget Fund for Energy Efficiency Improvement, which was only a budget line financing only projects in public sector. Through the activities of the Directorate, it is planned to provide financial incentives for other sectors of energy consumption, including households, in addition to financing the project in the public sector. The Directorate will monitor and verify the energy savings and CO2 emission reductions resulting from its activities. The Law introduces the obligation to

⁷ According to POS

⁸ According to POS

⁹ * APEE 4 Table 1

rehabilitate certain percentage of central government buildings (CGB) which will be determined in the Programme of rehabilitation of CGB to be adopted by the Government. The law also regulates in more detail the area of informing end-consumers of energy about their energy costs, encouraging highly efficient cogeneration through feed-in tariffs and market premiums, etc. The law regulates the area of energy audits differently, which will enable their application. Energy audits are now also mandatory for large companies, apart from the big energy consumers.

The Decree on the Program for Financing Activities and Measures for Improvement of Efficient Use of Energy in 2020 ("Official Gazette of RS", No. 63/20, April 2020)

The Decree determines subjects and kind of energy efficiency measures that may be financed from Budgetary Fund for Energy Efficiency Improvement of the Republic of Serbia (hereinafter: Budgetary Fund) in 2019 and 2020.

The Decree on the Program for Financing Activities and Measures for Improvement of Efficient Use of Energy in 2021 ("Official Gazette of RS", No. 9/21, February 2021) and

The Decree amending Decree on the Program for Financing Activities and Measures for Improvement of Efficient Use of Energy in 2021 ("Official Gazette of RS", No. 32/21, April 2021)

Both Decrees determine subjects and kind of energy efficiency measures that may be financed from Budgetary Fund in 2021.

Rulebook on Conditions for Distribution and Use of Resources of the Budgetary Fund for Improvement of Energy Efficiency of the Republic of Serbia and Criteria for Exemption from Compulsory Energy Audit ("Official Gazette of RS", No. 39/21, April 2021)

The Rulebook enables allocation of incentive funds from Budgetary fund, that have been determined through the mentioned Decrees, aimed at co-financing EE projects with local self-government units.

- Rulebook amending Rulebook on Energy Efficiency Labelling of Electrical Lamps and Luminaires ("Official Gazette of RS", No. 59/20, of 22 April 2020).

The Rulebook is transposing Article 9 of Commission Delegated Regulation (EU) 2019/2015, repealing provisions of Regulation (EU) 874/2012 related to EE labelling of electrical luminaires.

The Decree amending Decree on energy-related products for which indication of the consumption of energy and other resources is necessary ("Official Gazette of RS", No. 41/21, April 2021)

By amendments of the Decree the list of energy related products was adjusted, so to enable adoption of rulebooks transposing new EU regulations on EE of products, which are listed below.

Rulebook on energy efficiency labelling of refrigerating appliances ("Official Gazette of RS", No. 43/21, April 2021)

The Rulebook is transposing Commission Delegated Regulation (EU) 2019/2016 of 11 March 2019.

Rulebook on energy efficiency labelling of household dishwashers ("Official Gazette of RS", No. 43/21, April 2021)

The Rulebook is transposing Commission Delegated Regulation (EU) 2019/2017 of 11 March 2019.

Rulebook on energy efficiency labelling of household washing machines and household washer-dryers ("Official Gazette of RS", April 2021)

The Rulebook is transposing Commission Delegated Regulation (EU) 2019/2014 of 11 March 2019.

The Decree amending Decree on power purchase agreement ("Official Gazette" of RS, No. 106/20, August 2020)

The amendments were aimed at correcting some wording in the text which was misleading in its implementation.

- The Decree on the Program for Financing Activities and Measures for Improvement of Efficient Use of Energy in 2020 ("Official Gazette of RS", No. 63/20 of 30 April 2020).

At the proposal of the Ministry of Construction, Transport and Infrastructure (hereinafter: MCTI), the Law on Amendments to the Law on Planning and Construction was adopted ("Official Gazette of RS", No. 83/2018). This amendment prescribes the obligation to issue certificates on the energy performance of buildings - energy passports through the Central Register of Energy Passports (CREP), which introduced a unified database of Energy Passports for the territory of the Republic of Serbia. MCTI also initiated revision of this Law so the Law on Amendments to the Law on Planning and Construction was adopted ("Official Gazette of RS", No. 9/2020, February 2020). This amendment establishes the legal basis for drafting and adopting a "long term strategies for mobilizing investment in the renovation of the national stock of residential and commercial buildings, both public and private".

- **Non-legislative measures**

Financing of energy efficiency

At the end of October 2019, a sixth public call of Budgetary fund for energy efficiency for rehabilitation of public buildings in Municipalities was launched. 42 Municipalities applied for the Public Call. In February 2020, in the first phase, ranking list was adopted and published on the website of the Ministry. The ranking list of project included applications that meet the requirements of the Public call, namely 17 applications related to projects for improving the energy efficiency of buildings and one application related to the project of modernization of public lighting. In May 2020, in the second phase, the Decision on financing energy efficiency improvement projects in Municipalities was published, based on the ranking list adopted in the first phase. In the beginning of June contracts with 14 Municipalities were signed. Total value of the projects is around 250 million RSD. From the Budgetary Fund 160 million RSD, while around 90 million RSD will be provided by the Municipalities. Funds were allocated for projects in 14 Municipalities (4 cities, 9 municipalities and 1 city municipality)

At the end of October 2020, a seventh public call of Budgetary fund for energy efficiency for rehabilitation of public buildings in Municipalities was launched. Overall 67 Municipalities applied for the Public call. At the end of the December 2020, in the first phase, the ranking list was adopted and published on the website of the Ministry. The ranking list of the project included applications that meet the requirements of the Public call, namely 36 applications related to projects for improving the energy efficiency of buildings and two application related to the project of modernization of public lighting. In March 2021, in the second phase, the Decision on financing energy efficiency improvement projects in Municipalities was published, based on the ranking list adopted in the first phase. On the 19th of May contracts with 20 Municipalities were signed. The total value of the projects is around 470 million RSD. From the Budgetary Fund 270 million RSD, while around 200 million RSD will be provided by the Municipalities.

On the 22nd of April 2021 Public call for financing programmes of Municipalities for energy rehabilitation of residential buildings. The call was ended on the 21st of May. Overall, 89 Municipalities applied for the Public call. It is a pilot programme to support citizens for the improvement of insulation, doors and windows as well as space heating devices which will be implanted jointly with the Municipalities. Citizens will proved 50% of their own funds while Municipality and Ministry will

provide 50%. On the 21st of June, the Decision on financing was published, 67 Municipalities have got approval for financing programmes. The total value of the subsidies for financing the programmes is around 460 million RSD. From the Budgetary Fund 224 million RSD, while around 235 million RSD will be provided by the Municipalities.

The Ministry of Mining and Energy has prepared a pilot programme of support to citizens for improvement of building envelope and HVAC systems and instalment of solar collectors for preparation of sanitary hot water, which is implanted jointly with the Municipalities. Citizens will provide at least 50% of their own funds while Municipality and Ministry will provide up to 50% (up to 25% each). The public call for selection of Municipalities that would participate in the realization of Programme of energy rehabilitation of residential buildings, individual houses and flats was in place in the period from 22. April to 21. May 2021. Based on that public call on 24th June 2021 Ministry has signed agreements with 67 selected Municipalities. Total Value of the Programme is estimated at 7,7 million € with savings roughly estimated at 47GWh. Subsidies will be provided through companies engaged to implement the measure. Municipalities will select those companies through a public call that would be implemented in July 2021. Public call for citizens is expected in August 2021. Citizens will apply to public call with pre-invoices obtained by the companies selected by Municipalities. Municipalities will establish body that would check the situation in the field and rank the applicants. In order to unify the process and help Municipalities to do their job Ministry has drafted model rulebook that should be adopted by Municipalities and model of public call for selection of companies. In addition to that development of the mechanisms for financing energy efficiency in residential sector that will be implemented through commercial banks is under preparation with assistance with SECO funded RELOF project.

Establishment of Directorate for financing and promoting energy efficiency is expected in the second half of 2021 so in 2022 technical assistance for the Directorate is expected from IPA 2021. This assistance should help development of various financing mechanisms, build capacity of employees in the Directorate and to implement pilot projects. This IPA project will be implemented with the assistance of KfW and EBRD.

Energy Management System

In 2018, 2019 and 2020, 337 energy managers were licensed in local self-government unit bodies, in companies with dominant business activities in the production sector and enterprises as public services and in companies having their major activity in the trade and services sector, public administration bodies, other bodies of the Republic of Serbia and bodies of the autonomous province. Designated organizations of the energy management system have appointed 121 energy managers and submitted 69 annual reports for 2020 on the achievement of energy conservation goals for its location.

The Law on Fees for Use of Public Goods, (Official Gazette of RS, No. 95/18 and 49/19) introduced Energy Efficiency fee. The Rulebook prescribing application form for companies obliged to pay Energy Efficiency fee, as well as forms for calculation of the Fee and for reporting on the Fee payment (Official Gazette of RS, No. 41/19) was adopted in June 2019. The collection of Energy Efficiency fee started in July 2019. By the end of 2020 more than 1,700 mil RSD was collected for EE fee.

Strategic documents

Developing a Long-Term Strategy for Mobilizing Investments in Renovation of the National Building Stock. In 2019, a Terms of Reference document was drafted for the “Long-Term Strategy for Mobilizing Investments in Renovation of the National Building Stock”, in accordance with Article 2a of Directive 2010/31 / EU and in conjunction with Article 53 of Regulation (EU) 2018/1999 on the Governance of the Energy Union and Climate Action. An international consultant BPIE (Buildings Performance Institute Europe) was engaged for the preparation of the Terms of Reference through a technical support project within the Serbian-German Cooperation GIZ (DKTI EE), after which public procurement was conducted for the selection of expert team to develop a strategic document. Based on the public procurement notice, the Decision on Award of Contract dated December 4, 2019 a team of local experts was selected to develop a Long-term strategy for mobilizing investments in renovation of the national building stock. Strategy development started on December 12, 2019. Since January 2020 data was being collected for a detailed analysis of the status and energy efficiency levels of the existing building stock in RS. Data collection activities were in delay due to new COVID – 19 pandemic situation, and have been completed in June 2020. The first draft version of LTRS was submitted to MoCTI on 29th September 2020 and the last draft version on 12th December 2020. Based on the comments from the WG and the fact that Energy Regulation which is described in the document has significantly changed in April 2021 the document is currently under final revision.

Fourth Energy Efficiency Action Plan in the Republic of Serbia. During 2020, the draft version of Action plan was completed, and in April 2021 sent to EnC Secretariat. The draft was approved by the Secretariat of the Energy Community in April and is currently in the process of gathering opinions by the competent state authorities. Its adoption is expected in the beginning of July 2021. According to Draft 4. APEE estimates that the Republic of Serbia has achieved 88% of the target set for the period 2010-2018.

Projects

IPA 2014 project “Technical Assistance to the Ministry of Mining and Energy and relevant public entities for implementation of the new Energy Law, NEEAP, and the RES Directive”. Some of the aims of the project are to align Serbian regulation with the EU Acquis on energy efficiency and raise awareness on EE.

The project started in March 2019. Within the project, so far, gap assessment on needed alignment of Serbian regulation with EU Acquis was developed and the Law on Energy Efficiency and Rational Use of Energy finalized in cooperation with malty sectoral working group. Preparation of 15 rulebooks of the LEERUE has started within the Project. Gap assessment on the needs for awareness rising was also conducted and reports and draft of Awareness rising strategy submitted to the Working group. Preparatory activates for promotion of energy audits for SMEs are also under way. In the end of 2019 a study tour to Estonia was implemented in order to learn from Estonian experience on implementation of EU EE Acquis.

Project „Energy Efficiency in Central Government Buildings“: Aim of the Programm is rehabilitation of 28 out of 56 Central Government Buildings that were listed in the Notification to the Energy Community Secretariat for implementation of Article 5 of the EED.

In cooperation with Council of Europe Development Bank (CEB) and United Nations Development Programme (UNDP) in spring of 2019 Ministry of Mining and Energy has prepared the application for WBiF grant in order to support Preparatory activities for the Programme „Energy Efficiency in Central Government Buildings“ which will be funded through CEB Programme loan LD 2025 (2019). On 26 June 2019 the WBiF Steering Committee approved by virtue of the GAF, the allocation of grant funds (EUR 300,000) for this Technical Assistance even though 2.3 mill EUR was requested. CEB has

secured additional 600.000 EUR from the Slovak Social Inclusion Grant Account, Spanish Social Cohesion Account.

Framework Loan agreement between CEB and Republic of Serbia was signed in March 2020 and ratified in November 2020. Agreement with UNDP, which will establish project implementation unit for preparatory activities for the programme implementation was signed in May 2021 which enabled start of the preparatory activities.

Project: “ Greening the Public Sector- Rehabilitation of Vojnomedicinska akademija (VMA)

Hospital ”. The aim of the Project is to rehabilitate the VMA Hospital, one of the most important healthcare institutions in the Republic of Serbia, in order to achieve great energy savings and improve the quality of services.

The rehabilitation of VMA Hospital project is envisaged to be carried out in three phases.

The first phase of the Project will be implemented within the framework of Financial cooperation between the Republic of Serbia and the Federal Republic of Germany. For the implementation of part of the first phase of the Project, EUR 50 million loan was secured under the project “Energy efficiency in public buildings and renewable energy in the district heating sector (The Greening of the Public Sector)”. Through negotiations held in November 2019, EUR 25 million loan and EUR 2 million grant are foreseen to be provided from part of the funds of the new project “Promoting Energy Transition in the Public Sector”.

For the purpose of preparation of the Hospital VMA Rehabilitation Project, a study entitled “Hospital VMA Refurbishment with the Main Focus on Energy Efficiency Measures - Joint Report of External Experts, August 2018” was prepared. On September 17, 2019, the study was presented to the working group set up by the Ministry of Mining and Energy. Regarding the adoption of technical and other measures and the estimate of indicative investment value of the measures, a visit to the VMA Hospital building was organized for consultants and representatives of the working group on October 28, 2019.

Based on the assessment of a framework investment, in January 2020 the Project applied for a WBIF grant in the value of EUR 5 million aimed at preparation of technical documentation and project consultation activities. Evaluation of the project by the European Commission for WBIF is very positive and the grant of EUR 5 million for the project was approved

In June 2020 a Memorandum of Understanding between the Government of the Republic of Serbia and the German Development Bank KfW was signed for the implementation of the Project.

IPA 2014 Project “Technical assistance to the Ministry of Mining and Energy and relevant public entities for the implementation of the new Energy law, NEEAP and RES Directive”. Implementation of the Project started in March 2019. Within the Project, so far, gap analyses on alignment of Serbian legislation with EU legislation in energy efficiency field was done. Revision of the Law on efficient use of energy will be prepared in order to fill in the gaps and make full alignment with EU Acquis in the EE field and particularly with EED. Project will also include development of awareness rising strategy for energy efficiency, including implementation of part of the strategy, as well as energy audits for SMEs.

The Loan agreement was signed in the end of December 2020, between the Government of the Republic of Serbia and the German Development Bank KfW, in the value of EUR 50 mil, as well as the Grant agreement in the value of EUR 5 mil through the WBIF and Separate agreement to the Loan agreement and Grant agreement signed in March 2021.

Selection of the implementation consultant is in process. The Project will start as soon as the implementation consultant is selected, and will last until the end of 2027.

IPA 2016 Project „Establishing and strengthening of capacities of the conformity assessment bodies for the implementation of Energy Labelling and Eco-design Directives”. Implementation of Project started in September 2019 and it is going to last for 30 months. The Project goal is the establishment of sustainable quality control infrastructure of Energy related products which are covered by technical requirements prescribed in Energy Labelling and Eco design Directives. During 2020 the planned activities were implemented in accordance with time schedule. It was implemented market survey of energy related products, 5 Conformity Assessment Bodies included in Project, implemented on-line trainings for Market Inspection and CABs and awareness survey performed.

Program “Rehabilitation of District Heating Systems in the Republic of Serbia”

Development Program of the Republic of Serbia (RoS), realized under German Financial Cooperation with Serbia since 2001. The purpose of the Project is an efficient and reliable energy supply provided by economically operating district heating companies (DHC). This is to contribute to the goal of the consumers, the population and the environment benefitting from a sustainable, efficient and reliable energy supply laying ground for the convergence of Serbia to the EU (against the background of the Environmental chapter of the Acquis Communautaire). The importance of this Program and its influence on the overall stability of the energy system in our country, is obvious from the facts that, on one side, the installed capacity in approximately 60 DHCs operating in Serbia is almost equal to the installed capacity of our Power Industry (EPS), while the average maturity of the equipment in those DHCs is around 40 years, on the other. Thus, KfW’s support to this energy sub-sector, as its largest financier in our country, is precious.

Up to date, four Program phases, worth over 130 mil EUR have been completed. Through them, 22 DHCs have been rehabilitated. On behalf of the RoS, MoME is in charge of the Program implementation since its Phase III. Under Phases III and IV, 130 particular sub-project have been realized, resulting by:

- supply and installation of 3.700 heat meters,
- rehabilitation and modernization of 19 boilers houses;
- construction of 8 new boiler houses;
- construction of two CHPs (in Novi Sad and Belgrade);
- rehabilitation and/or construction of more than 210 km of networks;
- Reconstruction of over 1.000 of substations most of which is connected to a modern SCADA system.

All above mentioned contributed to the increase of energy efficiency of the boilers in the rehabilitated system parts to over 90%, significant reduction of heat and water losses, reduction of the emission of greenhouse gasses (CO₂ emission is reduced for 75 thousands tones per year), decrease of the heat production and distribution costs, increase of the quality of the services provided to the customers/Serbian citizens as well as to the overall stability of the DH systems.

Phase V

Aware of the importance of the Program and the necessity of further investments in the DH sub-sector, end of 2016, MoME and KfW have started activities on the preparation of the next, fifth Program Phase worth 32 mil EUR. As the result of those joint efforts, in the period December 2019 – April 2020, a set

of documents, representing Project's legal base, is signed between the RoS and KfW. In addition, MoME has selected an international Consultant that shall support MoME and the participating DHCs with the Project realization. Despite the current situation, the Project has commenced on June 29, 2020 when the Kick of Meeting was held. Beginning of July, a delegation consisted of the representatives of MoME and the Consultant, has visited all the participating DHCs. The Consultant has just distributed the Inception Report Draft The Inception Report was adopted in November 2020. The Investment Plans for each participating DHC, the Plan of Institutional Measures Plan, the Ggeneral Procurement Plan and the Implementation Plan were adopted induring the 1stst Quarter of the 2021.. The first Tender for the Supply of Goods and Construction Works for the Rehabilitation and Extension of District Heating Networks in Nis and Leskovac was announced on May 25, 2021.The Draft of the Trilateral Contract between the RoS, the DHCs and their local self-governments, by which the RoS shall extend the loan funds to the DHCs, was prepared by MoME and submitted to the responsible governmental institutions for opinion in March 2021.It is expected that the Project shall be implemented until December 2024 and tha up to t 8 DHCs shall participate it. The environmental aspects of the Project shall be subject of special attention of all parties involved.

During all those years, the MoME had an extremely good cooperation with KfW as a reliable and experienced partner in the field of DH Systems.

E. Central Government buildings (Article 5)

Government of Republic of Serbia has adopted decision 05 no. 337-6889/2018 on August 9, 2018 where:

- Default approach is chosen for the implementation of Art. 5 of EED, i.e. to rehabilitate annually 1% of the total floor area of heated and/or cooled buildings owned and occupied by central government (CGB).
- Inventory (list) of CGB comprises 56 buildings with overall area of around 412.000 m2.

During 2019 GIZ has provided technical assistance for development of the draft of CGB rehabilitation Programme. Implementation of the part of the Programme (up to 28 of 56 buildings) will be implemented through CEB funded project mentioned above.

In order to achieve the goal according to the requirements of Article 5 of the EED, MoME provided funds for the rehabilitation of up to 28 of the total of 56 central government buildings from the list established by the Government Conclusion No. 05, no. 337-6889/2018 of 09 August 2018, maintained by the Administration for Joint Services. For this purpose, a program loan in the amount of EUR 40 million was provided from the Council of Europe Development Bank (CEB) and grants (donations): WBIF (EUR 300,000), the Slovak Inclusive Growth Account - SIGA (EUR 400,000) and the Spanish Social Cohesion Account - SCA (EUR 200,000). More information are provided above within information on Project „Energy Efficiency in Central Government Buildings“.

As of April 2021 the obligation to rehabilitate certain percentage of CGB, which will be determined in the Programme of rehabilitation of CGB to be adopted by the Government is introduced thorough LEERUE.

F. Energy efficiency obligations (Article 7)

Concerning the Decision of the Ministerial Council of the Energy Community D/2015/08/MC-EnC of 16 October 2015, in January 2020 Ministry of Mining and Energy delivered Notification of the Republic of Serbia on the implementation of the Article 7 of Directive 2012/27/EU on energy efficiency. Notification foresees that savings will be achieved through following alternative measures:

Measure (Third NEEAP references)	Year initiated	2017	2018	2019	2020	Total	% of target
Energy Management System Obligation (PC4 / I1)	2017	24.95	24.95	24.95	24.95	99.80	31.4%
	2018		24.95	24.95	24.95	74.85	23.6%
	2019			20.07 ¹	20.07 ¹	40.13	12.6%
	2020				20.07 ¹	20.07	6.3%
IFI support (HH1 / PC1 / I2)	2017	12.93	12.93	12.93	12.93	51.72	16.3%
	2018		13.30	13.30	13.30	39.91	12.6%
	2019			12.99	12.99	25.97	8.2%
	2020				12.99	12.99	4.1%
Budget Fund for Energy Efficiency	2017	0.57	0.57	0.57	0.57	2.28	0.7%
	2018		0.20	0.20	0.20	0.59	0.2%
	2019			0.51	0.51	1.03	0.3%
	2020				0.51	0.51	0.2%
Total						369.85	116.5%

In accordance with draft version of 4th NEEAP Serbia presents energy savings per Article 7 for period until 2018 in next Table:

Measure	Year initiated	2017	2018	2019	2020	Total	% in relation to the 2020 target.
Energy Management System Obligation (PC4 / I1)	2017.	no estimate	no estimate	no estimate	no estimate		
	2018.		19.968	19.968	19.968	59.9	18.9%
IFI support (HH1 / PC1 / I2)	2017.	0.414	0.414	0.414	0.414	1.656	0.52%
	2018.		0.67	0.67	0.67	2.01	0.63%
Budget Fund for Energy Efficiency	2017.	0.4	0.4	0.4	0.4	1.6	0.5%
	2018.		0.154	0.154	0.154	0.462	0.15%
Measure T1	2017.	29.5	29.5	29.5	29.5	118	37.16%
	2018.		29.5	29.5	29.5	88.5	27.87%
Total						272.128	85.73%

NOTE:

Data on primary and final energy consumption in 2019 and estimation from 2020 as well as data on energy saving achievements and their division per sectors/articles and per year are attached in the Annex.