



## ~ Methodology ~

### BALANCE OF ELECTRICITY

#### LEGAL BASIS

The survey is carried out pursuant to the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and the Statistical Programme of Republika Srpska for the period 2018-2021.

#### METHODOLOGICAL BASIS

##### *AIM OF THE SURVEY*

Production of the annual balance of electricity.

##### *OBSERVATION UNITS/REPORTING UNITS*

The collection of data from reporting units covers all business entities engaged in the production and distribution of electricity. Data on final consumption of electricity in industry are collected from enterprises which are, in accordance with the Classification of Economic Activities (KD BiH based on the NACE Rev.2), classified into the sections B – Mining and quarrying and C – Manufacturing (except divisions 05, 06 and 19). Reports are also submitted by parts of non-industrial enterprises which perform industrial activity.

##### *COVERAGE*

This survey covers business entities on the territory of Republika Srpska which are engaged in the production of electricity and electricity/heat energy, as well as by the MH "Elektroprivreda Republike Srpske" and electricity distributors.

##### *METHOD, PERIOD AND SOURCES OF DATA COLLECTION*

Data are collected annually, using the reporting method. The sources of data are:

- *Annual reports:*
  - Annual report on production and consumption of electricity – MH "Elektroprivreda Republike Srpske" (EN-E1-G).

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- Annual report on production and consumption of electricity and heat – business entities engaged in production of electricity and heat (EN-E2-G).
  - Annual report on production and consumption of electricity – business entities engaged in production of electricity (EN-E2.1-G).
  - Annual report on production and consumption of electricity – business entities engaged in distribution of electricity (EN-E4-G).
  - Annual report on consumption of energy and fuel in industry – business entities in the field of industry (EN-UGE-G).
  - *Regular statistical activities* in the field of industry, construction, external trade, transport, agriculture and forestry statistics.

#### ***PROTECTION OF CONFIDENTIAL DATA***

Only aggregate data for the level of Republika Srpska are published. Confidential data are protected pursuant to Articles 25 and 27 of the Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska”, No. 85/03) and in accordance with the Rules of protection of confidential data.

#### ***DEFINITIONS***

**Gross electricity production** represents total electricity produced in generators.

**Net electricity production** is electricity delivered from a power station to a power-supply grid. It is calculated as the difference between electrical energy produced in the generator and own usage in the power plant.

The terms “**Received by Republika Srpska**” and “**Delivered by Republika Srpska**” cover all electricity entry to Republika Srpska and all electricity exit from Republika Srpska, on any grounds.

**Own consumption** in the energy sector comprises own use in energy sector, for operational purposes.

**Losses** cover losses of energy in electricity transmission and distribution.

**Energy available for final consumption** is the electricity available to final consumers. It is calculated by deducting delivered electricity, own consumption of the energy branch and transmission and distribution losses from the sum of gross produced and received electricity.

**Final consumption** of electricity refers to electricity spent for energy purposes in industry, construction, transport, households, and agriculture, as well as electricity used by other consumers.

#### ***COMPLIANCE WITH INTERNATIONAL RECOMMENDATIONS AND STANDARDS***

Annual balance of electricity complies with the IEA/OECD/EUROSTAT recommendations.

The basic regulation defining the rules for surveys in energy statistics is the Regulation 1099/2008 and the Energy Statistics Manual of the International Energy Agency (IEA) and

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Eurostat

([https://www.iea.org/publications/freepublications/publication/statistics\\_manual.pdf](https://www.iea.org/publications/freepublications/publication/statistics_manual.pdf)).

## **IMPLEMENTATION ORGANISATION**

### ***AUTHORITIES IMPLEMENTING THE STATISTICAL SURVEY***

The authorised producer of balance of electricity is the Republika Srpska Institute of Statistics.

Collection, entry and processing of data are carried out in the Division for Production Statistics of the Institute. Data on consumption of energy and fuel in industry are collected by the regional offices of the Institute.

### ***OBLIGATION TO PROVIDE DATA***

Reporting units are obliged to submit data to the Republika Srpska Institute of Statistics pursuant to the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03).

### ***IMPLEMENTATION FREQUENCY***

Reporting units are obliged to submit completed reports (EN-E1-G, EN-E2-G, EN-E2.1-G, EN-E4-G and EN-UGE-G) to the authorised statistical body until 24th April.

Deadline for the Republika Srpska Institute of Statistics to publish the data is 20th October of the current year for the previous year.

## **INSTRUMENTS**

Annual reports on energy.

Regulation EC 1099/2008 and the Energy Statistics Manual.

## **PUBLISHING**

Data are published in the annual release "Balance of electricity", in the statistical bulletin "Energy balances", in the Statistical Yearbook and in the publication "This is Republika Srpska".

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### **Last updated:**

18<sup>th</sup> May 2021