



EECS Domain Protocol for Serbia

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According to article 50 of the RES Law (Official Gazette of Republic Serbia no.40/2021-23), article 21 paragraph 1 of the Decree on Guarantee of Origin (Official Gazette of Republic of Serbia" no. 82/17) and Article of 28 paragraph 1 Point 29 of the Articles of Association of the Joint Stock Company Elektromreža Srbije Belgrade ("Official Gazette of the Republic of Serbia", No. 88/16), the Assembly of EMS JSC Belgrade, at the 48th Extraordinary Session held on April 10th, 2022, brought

EECS

Domain Protocol

for

Serbia

Prepared by JSC EMS Belgrade

Based on EECS Rules Release 8 v1

Release [3] [2023]





Document Control

Version	Date	Originator	Reviewers
1	12/12/2017	EMS JSC Belgrade	
2	26/09/2019	EMS JSC Belgrade	Diane Lescot, Emma Kelly
3	26/01/2023	EMS JSC Belgrade	Emma Kelly, Kaija Niskala

Version	Approver	Date	Responsibility
1	EMS JSC Belgrade Assembly	12/12/2017	
2	EMS JSC Belgrade Assembly	12/12/2019	
3	EMS JSC Belgrade Assembly	10/01/2023	

Change History

Version	Description		
1	Initial release for National GO scheme		
2	Amended according to discussion during review telco in AIB accession		
3	AIB periodic audit approved by ESG 26/01/2023		





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A Introduction

This Domain Protocol describes how the EECS Standard has been implemented in a certain Domain (country/region) for a certain type of energy certificate and it indicates where that system deviates from that standard. The EECS framework including the Domain Protocol aims to ensure robustness and transparency for all parties involved.

A Domain Protocol promotes quality and clarity, as it:

- explains local rules;
- provides clear information to all stakeholders (consumers, market parties, other members, government, the EU Commission etc.);
- facilitates assessment of compliance and permissible variance from the EECS Rules;
- facilitates audit; and
- translates local rules into a single format and language, supporting each of the above.

Important contact information is provided in Annex 1.





B General

B.1 Scope

- B.1.1. The Domain Protocol for Serbia covers the territory of the Republic of Serbia where EMS is the Issuing Body. The Domain of Serbia is defined as the area containing Production Devices with respect to which EMS is the Authorized Issuing Body of, for the purpose stated in B.1.5.
- B.1.2. This Domain Protocol sets out the procedures, rights and obligations, which apply to the Domain of Serbia and relate to the EECS Electricity Scheme as defined in the EECS Rules.
- B.1.3. Production Device qualification for the Domain of Serbia will be determined such that the Production Device is effectively located in Serbia.
 - The borders of the Domain are determined as area under EMS JSC Belgrade control area.
 - Production devices located at the border of the Domain are handled as separated by control area.
 - There are no islands/country parts in other continents that are part of the legislative boundaries of the country that comprises this Domain.
- B.1.4. EMS JSC Belgrade is the Transmission System Operator for Serbia. It is also the Issuing Body for Guarantees of Origin (GO) in Serbia according to article 50 of the RES Law (Official Gazette of Republic Serbia no.40/2021-23).
- B.1.5. EMS JSC Belgrade is authorized to Issue Guarantees of Origin relating to the following Product(s) (EECS Scheme):
 - EECS-GOs

in compliance with the RES Law Article 50, which provides that Guarantees of Origin are issued only for electricity from renewable energy sources.

If EMS JSC Belgrade loses full AIB membership status, it will issue national GO for electricity from renewable energy sources in the Domain of Serbia for production periods during the time until EMS JSC Belgrade restores full membership status. Following the approval of membership, EECS-GO will be issued for electricity from renewable energy sources in the Domain of Serbia for production periods after the AIB membership approval. There may be a time when both EECS-GO and National GO are processed due to production period issuing schedules, however these production periods will not overlap and therefore duplicate GO will not be issued.

- B.1.6. EMS JSC Belgrade is authorised to Issue EECS Certificates relating to the following Energy Carriers: electricity and the following energy sources: renewable energy sources including biomass.
- B.1.7. EMS JSC Belgrade is not authorised to Issue energy certificates outside of the EECS Framework according to this Domain protocol.
- B.1.8. Guarantees of Origin will be issued to registered Account Holders only.
- B.1.9. The definitions used in this Domain Protocol shall have the meanings ascribed to them in the EECS Rules except as stated in Article C.5 of this document.
- B.1.10. The text abbreviation GO is used for Guarantees of Origin. Except where the context indicates otherwise, words in the singular include the plural, and vice versa.
- B.1.11. Gas GOs are not issued by JSC EMS.





B.2 Status and Interpretation

- B.2.1. The EECS Rules are subsidiary and supplementary to Serbian legislation.
- B.2.2. The EECS Rules and its subsidiary documents are implemented in Serbia in the manner described in this Domain Protocol. Any deviations from the provisions of the EECS Rules that may have material effect are regulated in section C5 of this document.
- B.2.3. The capitalized terms used in this Domain Protocol shall have the meanings ascribed to them in the EECS Rules except as stated in section C5 of this document.
- B.2.4. This Domain Protocol is made contractually binding between an EECS Market Participant and EMS JSC Belgrade by agreement in the form of the Standard Terms and Conditions.
- B.2.5. In the event of a dispute, the approved English version of this Domain Protocol will take precedence over a local language version.
- B.2.6. All documents stated here are valid at the time of the adoption of this Domain Protocol. This document may be replaced by an updated version, however this version shall remain valid at the time of application.





B.3 Roles and Responsibilities

- B.3.1. The Authorised Issuing Body for EECS-GO in the Domain of Serbia is EMS JSC Belgrade. Its role is to administer the EECS Registration Database (hereinafter the Registry) and its interface with the EECS Transfer System.
 - B.3.2. The Competent Body for EECS-GO in the Domain of Serbia is EMS JSC Belgrade. Its role is defined by legislation to be responsible for the operation of EECS-GO in the Domain of Serbia.
- B.3.3. The Authorised Measurement Bodies are listed in B.3.8. and Annex 1. They are the bodies established under Energy Law to be responsible for the collection and validation of measured volumes of energy used in the national financial settlement processes.
- B.3.4. Contact details for the principal roles and Issuing Body agents are provided in Annex 1.
- B.3.5. The EECS Registry administered by EMS JSC Belgrade can be accessed via the website <u>http://cmo.grexel.com</u>.
- B.3.6. EMS JSC Belgrade does not issue any Non-Governmental Certificate or EECS GO for Independent Criteria Schemes.
- B.3.7. The following roles and responsibilities are defined for the Serbian Domain.
 - AERS (Energy Agency of the Republic of Serbia)

AERS is Serbian National Regulatory Authority (NRA) as defined by Energy Law and is the Competent Authority for Electricity Disclosure obligations according to RES Law.

• Authorised Issuing Body and Registrar of Production Devices in Registry

EMS JSC Belgrade was appointed by RES Law as the Issuing Body for Guarantees of Origin for Serbia.

EMS JSC Belgrade business processes will cover Registration, Issuing, Transferring, Importing, Exporting, Cancellation, Expiry and Withdrawal of EECS-GO related to the Serbian Domain. EMS JSC Belgrade is the Operator of the Registry.

Registry provider

Grexel Systems provide the software for the Registry, named CMO.grexel.

• Measurement Body

Measurement Bodies in Serbia are:

- 1) EMS JSC Belgrade in its role as Measurement Body (Production Devices connected to the transmission grid)
- Elektrodistribucija Srbije Ltd. Belgrade, the Distribution System Operator (Production Devices connected to distribution grid) in its role as Measurement Body
- 3) Operators of closed distribution systems (where applicable)
- Account Holders

Only electricity producers of energy from renewable sources, suppliers and wholesale suppliers with active licenses issued by AERS can be Account Holders in Serbia.

Ministry of Mining and Energy (hereinafter Ministry) as Production Auditor

The Ministry has established a production register for all renewable producers. The Ministry is responsible for registering all electricity producers from renewable sources in





Serbia to the register. Relevant qualification criteria must be met for the Ministry to add Production Devices to this register (<u>http://www.mre.gov.rs/doc/registar-230419.html</u>).

- B.3.8. Tariffs for services document is a decision of EMS JSC Belgrade Assembly and it is approved by National Regulatory Authority (hereinafter: NRA). It can be found on the EMS web-site.
- B.3.9. According to Energy Efficiency Law EMS is issuing body for HEC-GOs. When the secondary legislation would be adopted, new Domain protocol for HEC-GOs will be drafted.
- B.3.10. No other Issuing Bodies exist in Domain of Serbia.

B.4 Issuance scope summary

B.4.1. In summary, EMS JSC Belgrade is authorised to Issue the following types of energy certificates:

Issuing Bo	dy issu	ues certificates for:		
		Product Type	Source Technology	
		Hydro	F01040400	T030000
			F01040401	T030100
			F01040402	T030200
			F01050200	T030300
				T030400
		Solar	F01040100	T010000
				T010100
				T010101
				T010102
				T010200
		Wind	F01050100	T020000
				T020001
				T020002
		Biomass	F01010300	T050000
			F01010301	T050100
			F01010302	T050101
			F01010303	T050200
	e		F01010400	T050201
0	Energy source		F01010500	T050300
EECS GO	sol		F01010501	T050301
S	Ň		F01010502	T050400
Щ.	erg		F01020200	T050401
-	ů.		F01020300	T050500
			F01020301	T050501
			F01020302	T050600
			F01020303	T050601
			F01020304	T050700
			F01020305	T050701
			F01020400	T050800
			F01020500	T050801
			F01020501	T050900
			F01020502	T050901
				T051000
				T051001
				T051100
		Geothermal	F01040200	T050000
			F01040201	T050100
			F01040202	T050101
			F02040203	T050200
				T050201
				T050300





		T050301
		T050400
		T050401
		T050500
		T050501
		T050600
		T050601
		T050700
		T050701
		T050800
		T050800
		T050900
		T050900
		T051000
		T051001
	F04000400	T051100
Landfill & sewage	F01030100	T050000
treatment plant gas	F01030200	T050100
	F01030300	T050101
	F01030301	T050200
	F01030302	T050201
	F01030303	T050300
	F01030304	T050301
	F01030305	T050400
	F01030306	T050401
	F01030307	T050500
	F01030400	T050501
	F01030401	T050600
	F01030402	T050601
	F01030403	T050700
	F01030404	T050701
	F01030405	T050800
	F01030406	T050801
	F01030407	T050900
	F01030408	T050901
	F01030501	T051000
	F01030601	T051000
	F01010101	T051100
	F01010201	1001100
	F01020100	
Tidal/wave/other	101020100	T040000
ocean energy	F01050200	T040100
ocean energy	101030200	T040100
		T040101
		T040102 T040200
		T040200 T040201
		T040202
		T040300
		T040400
Ambient energy	Х	
Fossil	Х	
Nuclear	х	





C Overview of National Legal and Regulatory Framework

C.1 Energy Market

C.1.1. In Serbia there is no market for Energy Carriers, thus this chapter describes the market model and its main roles.

C.1.2. Energy Market in Serbia has

- Transmission System Operator, which is also the Market Operator,
- Distribution System Operator and
- several Closed Distribution System Operators.

Apart from them, there are more roles of market participants such as:

Producers

Producers can be Independent Producers and Privileged Producers. Privileged Producers are part of FIT and FIP Support scheme and cannot be part of the Guarantees of Origin system as long as they receive this kind of support.

• Suppliers.

Suppliers can be Wholesale Suppliers and (Retail) suppliers. There is a role of Guaranteed supplier for end consumers who has the possibility to be supplied according to regulated prices. End Consumers that don't have the right to guaranteed supply should choose its own supplier on the market.

• End consumers

End Consumers can be Households, Small Consumers and Consumers. Households and Small Consumers have the right to guaranteed supply.

• Power Exchange - Spot Market Operator

Spot Market Operator in Serbia is responsible for Day-ahead Market and Futures market.

National Regulatory Authority is responsible for market supervision.

Monitoring of the all activities of Market Participants and Market Procedures is the responsibility of National Regulatory Agency.

C.1.3. There are several types of Electricity Markets in Serbia according to time interval. There is Long-Term Market, Day ahead Market, Intraday Market and Spot Market. Also, there is a Balancing Market and Auxiliary Services Market.

C.2 The EECS Framework

- C.2.1. For the Domain of Serbia, the following legislation is relevant:
 - The Treaty establishing the Energy Community (the Treaty) is an international agreement concluded between the European Community on the one hand and Albania, Bosnia and Herzegovina, Macedonia, Moldova, Serbia, Ukraine, Montenegro and UNMIK, as the Contracting Parties, on the other. It established the Energy Community as an international organization with the aim of extending the internal energy market of the EU to the region of Southeast Europe and the Black Sea region.
 - By adopting the Treaty, the Contracting Parties made legally binding commitments to adopt core EU energy legislation (adapted by Energy Community), the so-called "acquis communautaire". The Treaty and its acquis





evolve constantly to incorporate new sectors as well as update or replace older acts. To stay on track with the evolution of European Union law, Articles 24 and 25 of the Treaty allow the adaptation of the acquis and implementing of possible amendments. This ensures that the Energy Community Contracting Parties keep pace with EU developments and continuously align their regulatory frameworks in the energy and related sectors to those of the EU.

- Law on the Use of Renewable Energy Sources (Official Gazette of Republic Serbia no.40/2021-23) hereinafter RES Law (<u>https://www.mre.gov.rs/en/dokumenta/sektor-za-zelenu-energiju/zakoni/law-use-renewable-energy-sources</u>)
- Regulation on Guarantee of Origin (Official Gazette of Republic of Serbia no. 82/2017), which describes, in more detail, the content of the Guarantee of Origin, the procedure for issuing, transferring and end of life cycle of a Guarantee of Origin, the process of registry administration and maintenance, the process of submitting data of the produced electricity measured at the delivery point from the transmission, distribution and closed distribution system, supervision, as well as other processes in accordance with the law, (http://www.ems.rs/page.php?kat_id=670)
- Disclosure regulation (Official Gazette of Republic of Serbia no. 96/2017), which prescribes the way in which the end consumer information is calculated and shown, the share of all types of energy sources of the sold electricity, as well as the calculation control and verification, (http://www.ems.rs/page.php?kat_id=670)
- Information on fees for issuance, transfer and end of life cycle of Guarantees of Origin, (<u>http://www.ems.rs/page.php?kat_id=670</u>)
- This Domain Protocol
- C.2.2. EMS JSC Belgrade has been appointed as an Authorised Issuing Body for EECS-GO in accordance with Article 50, paragraph 1, of the RES Law.

C.3 National Energy Source Disclosure

- C.3.1. Pursuant to Article 55, paragraph 5 of the RES Law Fuel mix Disclosure is required by law, detailed in the Disclosure regulations adopted by the Ministry. Supplier Fuel Mix Disclosure in Serbia is based on cancelled GOs and the National Residual Mix. In accordance with Article 196 of the Energy Law the supplier shall determine, calculate and disclose the share of all types of energy sources of the electricity sold to its end consumers. This is achieved by applying the mathematical formulas of the Methodology for the calculation and the result is, disclosure of the proportion of energy sources of electricity sold to end consumers (hereinafter: Methodology), which is attached as an Annex to the Disclosure regulation and constitutes its integral part.
- C.3.2. For Domain of Serbia, the authorised body for supervision of Disclosure of the origin of energy towards consumers is AERS Serbian National Regulatory Authority. This body is responsible for supervision of disclosure of the origin of the following Energy Carriers: energy.
- C.3.3. The legislation and regulation for disclosure are available on <u>http://www.ems.rs/page.php?kat_id=710</u>.
- C.3.4. The methodology and process for disclosure are as follows:

The proportion of electricity produced in the support system (Feed-in tariff) is determined by the total electricity produced by the privileged electricity producers in the previous calendar year. The Guaranteed Supplier determines and publishes a report on the quantities and structure of the electricity produced in the support





system on its official website by the end of February of the current year, for the previous calendar year. When calculating the structure of produced electricity in the support system, the Guaranteed Supplier divides the energy into 12 attributes and displays the structure of the electricity produced in the support system.

In accordance with the RES Law and Disclosure regulation, the Transmission System Operator calculates the National Residual Mix using the issuance-based methodology, based on:

- 1) the produced electricity data for each production unit that is connected to a transmission, distribution or closed distribution network,
- 2) data on total electricity sold to all end consumers in the transmission, distribution or closed distribution network,
- 3) data on electricity losses in a transmission, distribution or closed distribution network,
- 4) data on the actual electricity exchange on certain borders,
- 5) data on the exchange of attributes with a European mix of attributes in accordance with the Methodology,
- 6) data on cancelled and expired Guarantees of Origin.

Up to the 1st of March of the current year, for the previous calendar year, for the purposes of the calculation referred to in point 1 above, the Distribution System Operator and the Operator of closed distribution system provide the metering data to the Transmission System Operator for the relevant production units, stating the energy source or technology for each production unit, connected to the distribution or closed distribution network.

By the 31st of May of the current year, the Transmission System Operator calculates and publishes, on its official website, an annual report of the National Residual Mix for the previous calendar year. The annual National Residual Mix report contains:

- 1) data on production and consumption of electricity in Domain of Serbia, import and export of electricity, taking into account the structure of electricity,
- 2) data on issued, expired and cancelled Guarantees of Origin for electricity in the Domain of Serbia,
- 3) data on the structure of the National Residual Mix and the data used in determining the structure of the National Residual Mix,
- 4) the share of each type of energy source in the National Residual Mix.

The results of the process are publicly available on <u>http://www.ems.rs/page.php?kat_id=670</u>.

By using the data from the National Residual Mix report and cancelled GOs, the suppliers calculate and present the share of all types of energy sources of electricity that they have sold to their end consumers in the form of a report, from 1st of July till 31st of July of the current year, for the previous calendar year. This information is delivered in the form of report, in or enclosed with the invoice for the electricity sold by the supplier or in another appropriate manner.

The Energy Agency of the Republic of Serbia (AERS) is tasked with carrying out the checking process. By 31st of July of the current year, for the previous calendar year, the supplier delivers to the Energy Agency of the Republic of Serbia the following data:

- 1) total electricity sold to its end consumers,
- 2) information on the total cancelled Guarantees of Origin for each tariff package of services,





- 3) data on the structure of electricity sold for each tariff package of services separately, in accordance with the Methodology and
- 4) the sample report to the end consumer and at least one report which was sent to a specific end consumer.

for the purpose of calculation control and verification.

As the Transmission System Operator, EMS JSC Belgrade is tasked with carrying out the Residual Mix calculation and publishing.

C.3.5. Ex-domain cancellation is only allowed if an EDC agreement has been signed.

C.4 National Public Support Schemes

- C.4.1. The main support scheme in Serbia is FIT (Feed-in tariff). This scheme is funded by a Public Service Obligation levy charged to all end customers and is administered by the Ministry and Guaranteed supplier. Production Devices in receipt of support for ongoing production of electricity under Feed-in-tariff do not receive EECS-GO in Serbia. In terms of the annual Fuel Mix Disclosure calculation, the attributes of these renewable Production Devices are assigned to each end consumer in Serbia through its supplier.
- C.4.2. FIP (Feed-in-Premium) is provided by RES Law. Secondary legislation is not adopted. This scheme is funded by a Public Service Obligation levy charged to all end customers and is administered by the Ministry and Guaranteed supplier. Production Devices which will receive support for ongoing production of electricity under Feed-in-premium do not receive EECS-GO in Serbia. In terms of the annual Fuel Mix Disclosure calculation, the attributes of these renewable Production Devices are assigned to each end consumer in Serbia through its supplier.

C.5 Product Rules

- C.5.1. EMS JSC Belgrade issues EECS-GO for electricity produced from renewable energy sources, on a monthly basis, with a 12-month expiry period for the purpose of Fuel Mix Disclosure.
- C.5.2. The EECS Product Rules as applied in Serbia are set out within sections D and E of this document.

C.6 Local Deviations from the EECS Rules

- C.6.1. EMS JSC Belgrade is not an authority, but organised as a Joint Stock Company. The term "Competent Body" is therefore used in this Domain Protocol, instead of the term "Competent Authority", which is defined in the EECS Rules.
- C.6.2. EMS JSC Belgrade does not conduct Audit. Audit is performed according to the Ministry's procedures.
- C.6.3. Request for EECS-GO issuance can be sent to EMS JSC Belgrade within 6 months of the last day of the Production Period but no later than March 15th for output generated in the previous calendar Year.





D Registration

D.1 Registration of an Account Holder

- D.1.1. Only electricity producers from renewable sources registered at the Ministry, suppliers and wholesale suppliers with an active license issued by NRA can be registered as Account Holders in Serbia. The registration process begins when the applicant completes and sends the Account application form (Annex 2a) to EMS JSC Belgrade, duly signed by an authorised representative. The Account application form shall be published on EMS JSC Belgrade website. The required attachments of the Account application form are following:
 - i. Original or certified copy of excerpt from the court or company register (only for international participants)
 - ii. A copy of; the first page of a passport or identification card or another form of legitimate identification, for each authorised representative who signs the Standard Terms and Conditions
 - A copy of the decision on issuance of a license for suppliers and wholesale suppliers issued by NRA or the decision on obtaining the status of producer from renewable energy sources for electricity producers issued by the Ministry.

Account application form and required attachments should be sent via e-mail (<u>go-info@ems.rs</u>). The Applicant should include the Energy Identification Code (EIC) issued by the local issuing office, authorised by ENTSO-E, in its Account application form.

- D.1.2. EMS JSC Belgrade will compare data from the Account application form against the Ministry's data regarding the status of producers from renewable sources and against the NRA's data regarding the issued licenses for wholesale electricity supply or for electricity supply for suppliers.
- D.1.3. EMS JSC Belgrade will check data detailed in the Account application form and attachments and may ask the applicant for amendments or clarification of the data if necessary. EMS JSC Belgrade will deny registration if it contains any erroneous data.
 - D.1.4. Reasons for rejection may be:
 - a) required documents are missing or are not properly completed
 - b) EMS JSC Belgrade has doubts about the competence and/or aims of the applicant
- D.1.5. After the verification of the Account application form EMS JSC Belgrade will prepare and send the applicant the Standard Terms and Conditions form (Annex 2c) via email within 3 working days. The Standard Terms and Conditions form shall be published on EMS JSC Belgrade website. If the applicant accepts the terms and conditions, two copies of the Standard Terms and Conditions form should be duly signed by an authorised representative and returned to EMS JSC Belgrade.
- D.1.6. The AIB "know-your-customer" (KYC) form for international and domestic participants may be requested by EMS JSC Belgrade if it is deemed necessary (e.g. a new participant onto the Serbian electricity market).
- D.1.7. The Account Holder nominates an Authorised Root user to operate on their behalf and the Account application form (Annex 2a) needs to be completed, signed and submitted, meaning that Root user details must be completed. Account Holder





must immediately notify EMS JSC Belgrade in writing of any changes of data from Account application form.

- D.1.8. If the Standard Terms and Conditions is duly signed by applicant and originals received, then EMS JSC Belgrade:
 - a) Opens an Account within the Registry for the applicant organization. A log-in authorization Certificate will be sent automatically via e-mail to the named root user of the applicant, awarding full rights to the created Account (root user). The password to install the Certificate will be sent via SMS.
 - b) signs both copies of the Standard Terms and Conditions, archives one and sends the other to the Account Holder.
 - D.1.9. The Applicant officially becomes an Account Holder when both sides sign the Standard Terms and Conditions agreement.
 - D.1.10. Tariffs for participating in EECS-GO Scheme in Serbia can be found on the EMS JSC Belgrade website.

D.2 Resignation of an Account Holder

D.2.1. Resignation

The Account Holder must notify EMS JSC Belgrade of their intent to close their Account in the Registry by completing, duly signing and sending the form for Account closure from the EECS-GO Register (Annex 2b). Form for Closing Account in the EECS-GO Register will be published on EMS JSC Belgrade website. The effective date of closure must not be less than 10 working days from the date of receipt by EMS JSC Belgrade.

EMS JSC Belgrade will close the account in the Registry as of the effective date listed in the request or 10 working days from the date of receipt by EMS JSC Belgrade, whichever is later.

Any EECS-GO in the account must be transferred before the notice to close is sent or this EECS-GO will be counted in Residual Mix calculation for Serbia when they expire.

Before closing the account all due fees to EMS JSC Belgrade shall be paid by Account Holder requesting Resignation. If all due fees are not paid to EMS JSC Belgrade, the account shall not be closed.

Any annual fees, if applicable, paid by the Account Holder will not be refunded.

D.2.2. Additionally EMS JSC Belgrade may close an account in the following cases:

- In case of violation of the provisions of the Regulation stipulated in C.1.1. or the provisions of the EECS Rules if applicable;
- In case of breach of the STCs.

In case of violation of the above mentioned rules and regulations or the STCs, the closure shall take effect immediately.

D.3 Registration of a Production Device

D.3.1. Application

EMS JSC Belgrade is responsible for Production Device registration.

Account Holders, which aim to register a Production Device for EECS-GO, are referred to as Registrants. Only the Account Holder who is the owner of a Production Device may register a Production Device, which is located in Serbia, into the Registry.

Production Devices can only be registered by Registrants if they meet the qualification criteria for EECS-GO. To be qualified, Production Devices must:



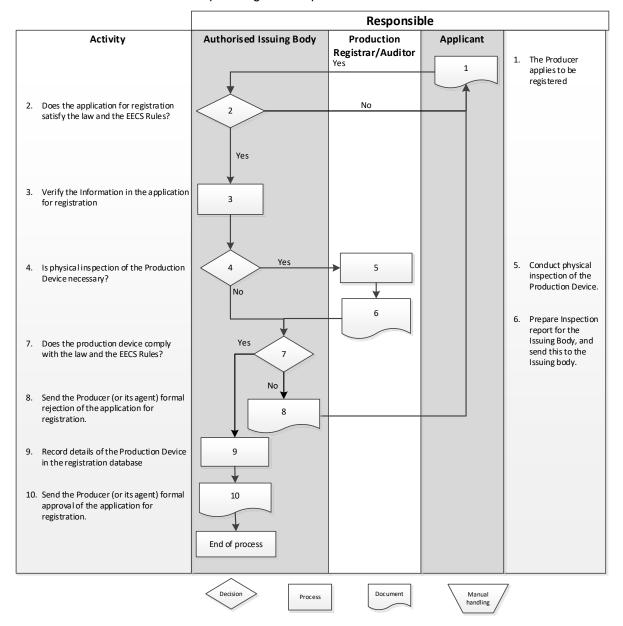


- be situated in Serbia;
- be registered in the registry of producers from renewable energy sources at the Ministry and
- must not be in receipt of support for ongoing production of electricity.

The Registrant shall state the Energy Identification Code (EIC) issued by EMS in its Device Registration Form.

D.3.2. Maintenance of standing data

An Account Holder must immediately notify EMS JSC Belgrade in writing of any changes of their standing registration data. EMS JSC Belgrade will amend the Registry accordingly within 3 working days, if approved.



D.3.3. Flow chart and steps in registration process

1. The Registrant must submit a registration form containing the following data:





- Production Device: Name, address, registrant, start date, commissioning date, installed capacity, earmark name and type, Operator, applied EECS schemes and all owners and accounts where the EECS-GO shall be issued.
- Codes of all possible Fuels, which can be converted into energy by that Production Device according to fuel codes in AIB EECS Fact Sheet 5.
- Technology code of the Production Device according to technology codes in AIB EECS Fact Sheet 5.

By registering a Production Device for the purpose of EECS-GO, the Registrant consents to the publication of limited data of the Production Device:

- Name
- Domain
- Fuel(s) type
- Technology type
- Installed capacity
- Date of commissioning
- Location
- Name and address of Operator
- Support schemes

As the Production Device is registered into Registry, it is assigned a unique identifier, if one has not already been assigned. The identifier consists of a number with 18 numeric characters that also identifies the Domain. GS1/GSRN (Global Service Relational Number) coding is used.

- 2. EMS JSC Belgrade validates the application. EMS JSC Belgrade can verify the data related to the Production Device application including, but not limited to:
 - Ownership
 - Metering
 - Date of Commissioning
 - Installed Capacity
 - Location
 - Fuel(s) type
 - Technology type
 - Support received

by comparing it with the data in Ministry's register. EMS JSC Belgrade has the right to demand an audit to verify received data.

D.3.4. Support scheme check

All checks relating to whether a unit is (or has previously been) in receipt of Support are verified with the Ministry, the administrator of the Support Scheme mechanism in Serbia.

The agreement that producers sign with the Ministry states that they agree not to claim EECS-GO and that they must exit the Support Scheme should they wish to receive EECS-GO (and cannot re-enter).

EMS JSC Belgrade completes a check to ensure that units in receipt of support do not register for to receive EECS-GOs.





Therefore, fraudulent activity would be captured and the Ministry would be informed and pursue legal recourse against the participant in question. If fraudulent activity is discovered and the EECS-GOs have been exported, EMS JSC Belgrade will advise the Member State as per Section E.12.

D.3.5. Metering diagram

A metering diagram of the Production Device must be supplied by the Registrant and Measurement Bodies where necessary. This diagram should include at least the following information:

- Connection to grid(s)
- Location and codes of all Exit Measurement Points and Entry Measurement Points
- Location of transformers
- Location of Production Auxiliaries
- where there are Production Auxiliaries associated with that Production Device, locations and codes of Entry Measurement Point(s), which determine the totality of electricity consumption by the Production Device.

When the Production Device is activated, EMS JSC Belgrade will inform the Registrant.

- 1. If the application is rejected, this is formally communicated to the Registrant and the Registry is amended to reflect this rejection.
- 2. If the application is accepted, the Registry is amended to reflect this approval. The five year review date is also updated at this point.
- D.3.6. Following the registration, EMS JSC Belgrade will publish an updated list of Registered Production Devices per Account Holder on the EMS JSC Belgrade website.
- D.3.7. EMS JSC Belgrade will register the Production Device in Registry no later than 20 working days from the date of receipt of the registration form by EMS JSC Belgrade.
- D.3.8. Metering data shall be provided depending on which grid the Production Device is connected to.
- D.3.9. All the Metering Data of Production Devices shall be aggregated to the account of the Account Holder who registered the Production Devices and shall be at the disposal of that Account Holder for issuance (per each Production Device separately). After the issuance, all GOs shall be deposited to the account of the Account Holder.
- D.3.10. The tariffs for participating in the EECS-GO Scheme in Serbia can be found on the EMS JSC Belgrade website: http://www.ems.rs/page.php?kat_id=670.

D.4 **De-Registration of a Production Device**

D.4.1. The Account Holder must notify EMS JSC Belgrade of their intent to deregister the Production Device in written form. The effective date of deregistration must not be less than 10 working days from the date of receipt by EMS JSC Belgrade.

EMS JSC Belgrade will deregister the Production Device in the Registry as of the effective date listed in the request or 10 working days from the date of receipt by EMS JSC Belgrade, whichever is later.

D.4.2. Re-registration is described in Section D.5.1





D.5 Maintenance of Production Device Registration Data

D.5.1. Re-registration of Production Devices

The registration of a Production Device expires after five years. The Registrant must reapply for registration for the Production Device before expiry. EMS JSC Belgrade will advise participants when the five year deadline is approaching and request that the participant review the data and either confirm that the data is unchanged or advise of changes. EMS JSC BELGRADE will verify the data in the Ministry's Registrar following the process detailed in D.3.3.

D.5.2. Changes to Registration Data

The Registrant of a Production Device must notify EMS JSC Belgrade immediately of any planned or unplanned changes to their standing Production Device data.

The registrant must notify EMS JSC Belgrade of such changes by making the necessary amendments to Production Device information in the Registry.

On receipt of a change of details notification EMS JSC Belgrade will verify the change and respond to the Registrant within 10 working days specifying the decision taken. EMS JSC Belgrade may respond to the changes by approving or rejecting them in the Registry.

If EMS JSC Belgrade becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the qualification criteria, the Registry record for that Production Device will be updated to show that the Production Device no longer qualifies for EECS Scheme with effect from:

- (in relation to planned changes notified in advance) the date on which such planned changes are due to come into effect; or
- (in relation to other changes) as soon as is reasonably practicable after becoming aware of the change.

D.5.3. Changes to Capacity

If there is a change to the Production Device's registered Installed Capacity, this must be approved by the Ministry. The Account Holder must notify EMS JSC Belgrade of such changes by making the necessary amendments to Production Device information in the Registry and EMS JSC Belgrade will approve or reject based on information from the Ministry. EECS-GO cannot be issued while changes in the database are under review, issuing will commence when changes are approved.

D.5.4. Changes in relation to qualification

If EMS JSC Belgrade becomes aware that a Production Device no longer qualifies for EECS-GOs under the EECS rules, then any EECS-GO issued in error will be dealt in accordance with Section E.8 of the Domain Protocol.

D.5.5. Reassessment of Production Device

If EMS JSC Belgrade or the Ministry need to review the registration data of a Production Device, following changes made in the Registry by the Account Holder, EECS-GO cannot be issued while these changes are under review, issuing will commence when changes are approved.





D.6 Audit of Registered Production Devices

- D.6.1. Inspections of Production Devices registered in the Registry are conducted under the rules of audit according to the law and the procedures of the Energy Inspectors delegated by the Ministry.
- D.6.2. The Registrant must permit Energy Inspectors to access the Production Device or the records associated with it, its energy output and sources of energy.
- D.6.3. Inspections verify that the Measurement Devices are correctly positioned in order to measure the quantity needed for calculating the amount of EECS Certificates to be Issued.
- D.6.4. Inspections confirm the accuracy of the Measurement Devices involved in the calculation of the amount of EECS Certificates to be Issued to be acceptable in accordance with the existing regulatory framework and applicable standards.
- D.6.5. Inspections confirm that the formula for calculating the amount of EECS Certificates correctly reflects the amount of Output that qualifies for the Purpose of these EECS Certificates.
- D.6.6. EMS JSC Belgrade shall verify various points of information at least:
 - National Regulatory Authority Licenses
 - Ministry Statuses of Producers of renewable energy and relevant data on their Production Device

An additional check may be completed with the Distribution System Operator and Operators of closed distribution systems, Guaranteed supplier and EMS JSC Belgrade internal data.

- D.6.7. The period between inspections of a Production Device will not exceed 5 years.
- D.6.8. Refusal to permit access may be considered a breach of the Standard Terms and Conditions.
- D.6.9. Registrants must report any changes to standing data of a Production Device under D.5.2.
 - D.6.10. If an inspection identifies material differences from the details recorded on the EECS Registration Database, the Registrant must re-apply for registration of the Production Device. EESC-GO will not be issued before corrective actions have been performed.

D.7 Registration Error/Exception Handling

- D.7.1. Any errors in EECS-GO resulting from an error in the registered data of a Production Device will be handled in accordance with section E.8.
- D.7.2. If EMS JSC Belgrade detects an error in the information of a Production Device in the Registry, it will apply the procedures outlined in Section E.8.
- D.7.3. In case of breach of Product Rules or Standard Terms and Conditions the Registrant shall be suspended from Registry until, if it is applicable, all breaches are corrected. Until all the necessary corrections are done, participation in EECS-GO Scheme in the Domain of Serbia will not be possible.





E Certificate Systems Administration

E.1 Issuing EECS Certificates

- E.1.1. Only EECS Certificates are issued under this Domain Protocol:
 - For a Production Device which, at the time of Issuing is:
 - o situated in the Domain of Serbia
 - duly registered in the EECS Registry administered by EMS JSC Belgrade
 - for the Qualifying Output of such a Production Device during each calendar month in which it is registered for the purpose of the EECS-GO Scheme
 - for a Production Device not registered for any other certificate scheme,
 - for metering data provided by the relevant Measurement Bodies according to section E.3
 - within the time limits stipulated by the relevant legislation
 - after the request has been made by the Registrant
- E.1.2. One EECS-GO represents 1 MWh of produced electric renewable energy.

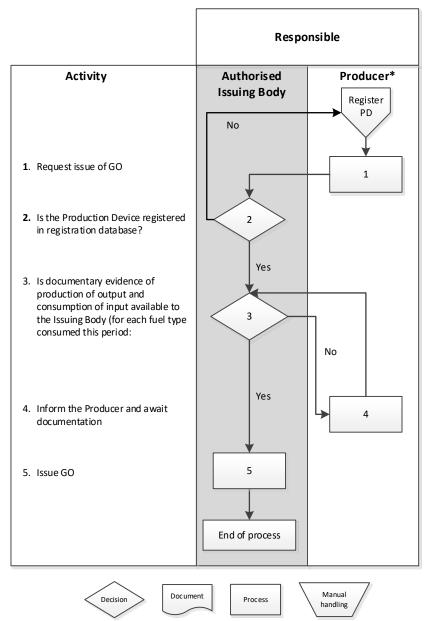
E.1.3. GO is issued within 3 working days of the request.

- E.1.4. For Production Devices using several types of energy sources EECS-GO can be issued only for the proportion of energy which has been produced from renewable energy sources.
- E.1.5. Request for issuance shall be sent to EMS JSC Belgrade within 6 months of the last day of the Production Period and no later than March 15th for output generated in the previous Year, as stipulated by relevant legislation.
- E.1.6. The Account Holder shall submit a production declaration for every Production Device that uses multiple energy sources.
 - E.1.7. No National GO can be converted into EECS-GO.





E.2 Processes



E.2.1. Flow chart and issuing steps

- 1. Measurement Bodies send data of Net Electrical Energy Generation of Production Devices to EMS JSC Belgrade for the purpose of issuing Guarantees of Origin. The data is uploaded into the system by EMS JSC Belgrade. Net Electrical Energy Generation means the gross electricity production of a Production Device as evidenced by measured values collected and determined by an Authorised Measurement Body with reference to its Exit Measurement Points and Entry Measurement Points (adjusted by meter amendments and the outcome of any disputes) minus the demand of any Production Auxiliaries and minus losses in the main generator transformers on the site of the Production Device.
- 2. EMS JSC Belgrade issues EECS-GO for whole or part of production of Production Devices in the specified month according to the request for issuing by the Account Holder. Request for issuing can be sent to EMS JSC Belgrade at any time respecting the deadlines in E.1.6.





- 3. EMS JSC Belgrade issues EECS-GO and deposits them to the Account nominated by the Registrant in the Registry. One EECS-GO is issued for each whole MWh of qualifying energy output of a registered Production Device. Any identifiable residual kWh will be carried forward to the next issuing period.
- E.2.2. The Account Holder is informed of the total issued and available EECS-GOs by accessing its account details or checking the Reports section in the Registry.

E.3 Measurement

- E.3.1. Only Production Devices that are equipped with metering equipment that complies with the relevant rules that regulate the access to transmission and distribution system shall be registered. At the time of adopting the Domain Protocol the existing legislation and rules are:
 - RES Law, Official Gazette of Republic Serbia no.40/2021-23
 - Energy Law, Official Gazette of Republic Serbia no. 45/2014, 95/2018 other law and 40/2021
 - Metrology law, Official Gazette of Republic Serbia no.15/2016
 - Regulation on conditions of delivery and supply of electricity, Official Gazette of Republic Serbia no 63/2013 and 91/2018,
 - Grid code published on the official website of EMS JSC Belgrade
 - Distribution grid codes published on the official websites of Elektrodistribucija Srbije Ltd. Belgrade and Closed distribution system operators.
 - E.3.2. In its role as TSO, EMS JSC Belgrade has access to the metering data, therefore metering data is readily available and verified. The Distribution System Operator (DSO) is obliged by law to send verified metering data to EMS JSC Belgrade 14 days from the end of the month at latest.
- E.3.3. The Production Device owner is responsible for delivering the information regarding fuel used for production of energy output.

Information shall be provided to EMS JSC Belgrade in the Registry and via a Production Declaration Form enclosed in Annex 4.

EMS JSC has right to request additional production data.

- E.3.4. Metering data shall be delivered to EMS JSC Belgrade on monthly level and shall enable the calculation of the Net Electricity Production from renewable sources of the Production Device for the corresponding Production Period.
- E.3.5. Data format for delivering metering data is determined independently by EMS JSC Belgrade.
- E.3.6. The Account Holder is responsible for making Production data available to the Measurement Bodies for every Production Device on their account.

E.4 Energy Storage (Including Pumped Storage)

E.4.1. Pumped storage can request EECS-GO for the portion of the production which is not derived of pumping. EMS JSC Belgrade in its role as Measurement Body shall collect metering data and use only netted values of production and energy used for pumping. For electricity produced in pumped storage hydropower plants EECS-GO





are issued for the total produced electric energy minus the energy consumed for pumping and auxiliary.

- E.4.2. Rules for handling certificates in relation with stored energy are:
 - Certificates are only issued for the Output of an energy storage device if the energy that flows into the storage device is produced on the same site and no certificates have been issued for the energy that flows into the storage device
- E.4.3. Currently Energy Carriers are not part of Serbian Domain.





Combustion Fuels (e.g. Biomass) and Production Devices with multiple energy inputs

- E.4.4. In plants where electricity is produced also from fossil fuels beside the renewable energy sources, EECS-GO shall only be issued for the electricity that is produced from renewable energy sources, in regards to the percentage of specific renewable energy source. This is possible only for biomass energy inputs.
- E.4.5. The Registrant of the Production Device with more than one Input is obliged to submit a Production/Consumption Declaration (for the same period) for each combustible Input and to specify therein:
 - a. the values of M^1 , C^1 M^n and C^n ; and
 - b. as the Energy Input Factor for that Input and that period, a factor no greater than L, where L is the proportion of the total Output produced during this period by the relevant Input and is calculated as follows:

$$L = \frac{M^{1}x C^{1}}{(M^{1}x C^{1}) \dots + (M^{n}x C^{n})}$$

Where

 $M^{1}\xspace$ is the mass of the relevant Energy Input for that Production Device during the relevant period

 C^1 is the average calorific value of the relevant Energy Input for that Production Device during the relevant period

 M^n is the mass of each relevant Input other than the relevant Input for that Production Device during the relevant period

 C^n is the average calorific value of each relevant Input other than the relevant Input for that Production Device during the relevant period.

E.4.6. The form for production/consumption declaration for biomass is enclosed in Annex 4 of this Domain Protocol and can be downloaded from the website (<u>www.ems.rs</u>).

E.5 Format

E.5.1. EECS Certificates shall be issued in such format as may be determined by AIB.

E.6 Transferring EECS-GO

- E.6.1. The Account Holder may access their Account also to transfer EECS-GO in the Registry, between their and other Accounts within the Serbian Domain or between their and an Account in another Domain, via the Registry.
- E.6.2. Only persons duly authorised by the Account Holder may request the transfer of EECS-GO from that Account Holder's Account. Authorised persons must be identified on the Account application form.

Authorised persons can be added later by an existing user with adequate rights.





- E.6.3. GO can only be transferred through the Registry.
- E.6.4. The initiation of transfers is completed in the Registry by the Account Holder who is selling, by selecting the EECS-GO to be transferred.
- E.6.5. The transfer of EECS-GO through the Registry and the confirmation of that transfer are automated.

When the Account Holder has initiated the transfer, the system instantly displays a message of whether or not the transfer has been successful.

If the transfer is successful the EECS-GO are automatically transferred to the receiving account. If the transfer is not successful, the EECS-GO do not leave the account of the Account Holder who is selling.

EMS JSC Belgrade cannot return EECS-GO to an Account Holder's account because of an error in selection of the Account within the registry.

When transferring between Accounts in two different Domains, the success of the transfer is subject to the verification process of the AIB HUB and the receiving registry. If the transfer is not successful, the EECS-GO are returned to the Account of the initiating Account Holder.

During the transfer of EECS-GO between Accounts in two different registries the EECS-GO are not available for another transfer while transitioning from register to register.

The EECS-GO in transfer are firstly deducted from transferor account and then they are added to transferee account.

The Participant is informed of a successful transfer in Transactions section in its account

In transfers between Accounts in two different Domains, EMS JSC Belgrade will cooperate with other Members of the EECS scheme to amend its own, or the other Member's Account Holder information when the issue is related to transferring.

On the home screen of the Registry, the Account Holder can see an alert list related to following activities that take place in the system:

- PD Alerts: When a Production Device of the organization is approved by the Issuing Body.
- Incoming Transfers: When the Account Holder receives certificates from another Account Holder that comes from the same Domain (Transfer) or to another Domain (Import).
- Cancellation Alerts: When Cancellations made by Account Holder are approved or rejected by the Issuing Body.

E.6.6. Import of EECS-GO

Import of EECS-GOs are handled in the way that the transferor from a different registry (Domain) selects Account Holder from the Domain of Serbia (Serbian Registry) to whom he wishes to transfer the EECS-GOs. The Serbian Registry only accepts GOs from renewable sources.

The Account Holder in the Serbian Registry has the option in the Registry to block the import of EECS-GO from other registries. If the Account Holder enables the import of EECS-GO to its account, it is obliged to pay any fee as a result of that import. GOs from domains that are not recognized by EMS JSC Belgrade can be imported to Registry but cannot be used for Disclosure. Nevertheless, fees for the import of such GO shall be borne by that Account Holder.

Import restriction:

Registry cannot accept GO which are not from renewable sources.





E.6.7. Export of EECS-GO

Export of EECS-GO are handled in the way that the transferor from the Serbian Registry selects the Domain where they wish to transfer the EECS-GO. After selecting the Domain, the list of possible transferees shall become available. The transfer shall be completed by selecting the desired transferee.

Ex-domain cancellation:

If the Republic of Serbia has an international agreement for mutual recognition of guaranties of origin with a domain that is not a member of the AIB in terms of Article 51, paragraph 1 of the RES Law, and there is no technical possibility to carry out the export of Guarantees of Origin in that domain, EECS-GO can be used in the Registry for the needs of the end customer in that domain.

E.6.8. Administration of malfunctions, corrections and errors in transfers

EMS JSC Belgrade has the right to perform corrective actions such as withdrawal or transfer of EECS-GO in its own registry where EECS-GO have been erroneously issued or transferred. In case that EECS-GO have been erroneously transferred, EMS JSC Belgrade has the right to return the corresponding EECS-GO to the original Account Holder. EMS JSC Belgrade will get in touch with other issuing bodies if the EECS-GO has left the Serbian Registry.

E.6.9. Where it is impossible to transfer for technical reasons, this can be overcome by cancelling EECS-GO for use in another domain, with the agreement of the importing issuing body. Any such cancellations are notified to the "importing" issuing body and the AIB Secretariat.

E.7 Administration of Malfunctions, Corrections and Errors

- E.7.1. If EMS JSC Belgrade detect errors in Account Holder information, it will correct it immediately. The relevant Account Holder will be informed of such actions.
 - E.7.2. In the event that EMS JSC Belgrade has issued too many EECS-GO in error, EMS JSC Belgrade will remove EECS-GO of the same type and same quantity from the relevant Account Holder to compensate for the discrepancy. In the event that EMS JSC Belgrade has issued too few EECS-GOs in error, it will issue additional EECS-GO for the relevant Fuel Type, Production Device and production period.

In the event that the data within an EECS-GO(s) is inaccurate (whether or not through an act or omission of the Account Holder of the originating Production Device):

- a) EMS JSC Belgrade will (provided that such EECS-GO are, at the time of such Withdrawal, in the Account of that Account Holder) withdraw those EECS-GOs; and
- b) In the case when EECS-GO are no longer in the Domain of Serbia, EMS JSC Belgrade will cooperate with other Issuing Bodies to withdraw the erroneous EECS-GO.
- E.7.3. EMS JSC Belgrade may also alter an EECS-GO held in its EECS Registry so as to rectify an error which occurred prior to its transfer into the Account in which it is held at such time, provided:
 - a) the Account Holder has agreed to such alteration;
 - b) it is reasonably satisfied that any unjust enrichment of an EECS Scheme Participant as a consequence of such error has, to the extent reasonably practicable, been nullified;
 - c) it is reasonably satisfied that the alteration itself does not give rise to undue enrichment of the Account Holder.





E.7.4. Once issued, the details of an EECS-GO cannot be altered or deleted except to correct an error.





E.8 End of Life of EECS-GO – Cancellation

E.8.1. The initiation of cancellations is done by the relevant Account Holder by performing cancellations and executing the action in the Registry. The Account Holder must specify the EECS-GO and amount to be cancelled as well as the country of consumption, name of beneficiary (meaning tariff package), location of beneficiary (Serbia, except in the case where the tariff model covers only one specific geographical branch), usage category (only Disclosure), Consumption Period Start and End, Type of beneficiary (depending of tariff model: Energy supplier or End-consumer) and cancellation purpose (description of tariff package).

Certificate Cancellation	
Selected certificate amount	23481
Amount of certificates to Cancel	•
Country of Consumption	- Select - Note: Certificates may only be cancelled for domestic consumption in countries where the EECS is not implemented.
Name of Beneficiary	*
Location of beneficiary	* Department, unit, division, or geographical branch
Usage Category	- Select - Support: Cancelled to receive financial support, Disclosure: Cancelled under a green labeling
Consumption Period Start	YYYY-MM-DD 🛄 * scheme or as proof of supply to consumers or
Consumption Period End	YYYY-MM-DD for own use. Has not been used to receive financial support., Other
Type of beneficiary	- Select - 💙 *
Cancellation Purpose	•
Publishing	Ake this cancellation statement publicly available and create a link

Note: Fields marked with an asterisk are mandatory

Cancel Certificates Back

Cancellation Request form

Type of beneficiary is based on tariff packages offered to consumers. Cancellation can be performed for:

- specific group of consumers in tariff package
- Default mix of supplier

EECS domains to which a secure electronic transfer of EECS-GO is possible are not included in the list of "country of consumption", which prevents ex-domain cancellations from Serbia to these domains.

E.8.2. The cancellation of EECS-GO is automated and needs approval by EMS JSC Belgrade. Cancellation is done in Registry. EECS-GO can only be cancelled once. Cancelled EECS-GO are removed from accounts by changing their status to "cancelled" so that they do not appear in any Account in the Registry after the Cancellation. The Account Holder performing the cancellation has full access to see the details of the cancellation, which are exportable in Registry or they can generate an official Cancellation Statement from the system (Annex 5). Following





cancellation, EMS JSC Belgrade will verify and approve or disapprove the cancellation within 5 working days. If EMS JSC Belgrade cannot approve the cancellation, EMS JSC Belgrade must give rationale for disapproval. After approving the Account Holder can export the cancellation statement or get the link of the official cancellation statement.

Prior to approving the cancellation EMS JSC Belgrade checks that the cancellation has been completed according to the electricity disclosure regulations of Serbia, EECS Rules and possible ex-domain cancellation rules; the most important criteria being:

- Cancellation for disclosure in Serbia for consumption in calendar year X must be done before 31st March in year X+1
- Country of consumption must be either:
 - o Serbia
 - o Country whose issuing body has an ex-domain cancellation agreement with EMS JSC Belgrade in place at the time of cancellation.

If criteria are not met, EMS JSC Belgrade shall reject the cancellation.

- E.8.3. Having performed a cancellation, the Account Holder receives a notification of the success or failure of the cancellation in the Registry.
- E.8.4. Immediately after successful confirmation of the cancellation, the Account Holder may download a Cancellation statement from the Registry. A sample (template) of cancellation statement is included in Domain Protocol as Annex 5.
- E.8.5. Cancellation is removing an EECS-GO from circulation. Once cancelled, an EECS-GO cannot be moved to any other account, and is no longer tradable. Canceling an EECS-GO which is already cancelled or expired cannot be done.
- E.8.6. Ex-domain Cancellation is available when Serbia signs a bilateral agreement with a country which is not yet part of AIB.

E.9 End of Life of EECS-GO – Expiry

- E.9.1. EECS-GO cease to be valid for transfer and cancellation automatically 12 months after the end of the period during which the Output to which they relate was produced i.e., EECS-GO cease to be valid for transfer and cancellation automatically 12 months after the end of the related production period. The same rule applies to all EECS-GO regardless what is the Domain of issuing.
- E.9.2. EMS JSC BELGRADE will not allow import or export of expired EECS-GO.

E.10 End of Life of EECS-GO – Withdrawal

- E.10.1. Withdrawal is removal of EECS-GO from an account. EMS JSC Belgrade may withdraw an EECS-GO held in account on its Registry at the request of the Account Holder of that account, or otherwise in accordance with the provisions of the EECS scheme.
- E.10.2. EECS-GO can be withdrawn for the following reasons:
 - if the EECS-GO has been issued as a result of fraudulent activity
 - if the EECS-GO has been issued in error
- E.10.3. EECS-GO issued in error will follow the error handling process in Section E.8





E.11 Fees - issuance of invoices

E.11.1. EMS JSC Belgrade will charge fees to Account Holders according to the Price Act on fees for issuance, transfer and end of life cycle of Guarantees of Origin approved by National Regulatory Authority. Tariffs for participating in EECS-GO Scheme in Serbia can be found on EMS JSC Belgrade web-site.

E.11.2. Frequency of Invoice issuing

Invoices are issued on dates defined by Invoice calendar according to the Pricing Act and this Domain Protocol. The invoice calendar will be published on EMS's website.

E.11.3. Issuance and VAT handling

Invoices are completed in accordance with the laws which regulate value added tax (Official Gazette of Republic Serbia", 84/2004, 86/2004, 61/2005, 61/2007, 93/12, 108/13, 68/14, 142/14, 83/15, 108/16). Invoices will be expressed in euro (EUR). Account Holders shall pay the total amount stated in the invoice under the item "Total for Payment" to the account of EMS JSC Belgrade according to payment instructions set forth in the invoice. Account Holder established in Serbia shall pay the total amount in RSD (RS Dinar) equivalent of EUR at the middle exchange rate determined by the decision of the National Bank of Serbia (NBS) on the date of payment (currency clause). Participants established abroad shall pay the total amount stated in euros.

- E.11.4. The invoice shall be sent by e-mail or by e-invoicing.
- E.11.5. The deadline for payment of invoice issued by EMS JSC Belgrade is 8 (eight) days from the issuance date. The invoice amount shall be paid in full to the account of EMS JSC Belgrade within the stipulated time. It will be considered that the payment as per the invoice is effected when the relevant sum is deposited in the account of EMS JSC Belgrade. In case of a delay in payment the default interest will be calculated and charged according to the law.
- E.11.6. If the deadline for payment expires on a non-working day or a holiday, the deadline shall be the following working day.
- E.11.7. If the Account Holder fails to pay the amount stated in the invoice by the stipulated deadline it will be blocked from performing actions in the Registry until it settles the payment obligations against the issued invoice.





F Issuer's Agents

F.1 Production Auditor

- F.1.1. All electricity production devices are subject to qualification registration in the Domain of Serbia according to Ministry's procedures for registration of Producers from renewable sources.
- F.1.2. All audit activities are operated under the regulations and procedures of the Ministry.

F.2 Production Registrar

F.2.1. The registration is carried out by the Ministry according to the Law. The complete register is operated and kept by the Ministry. Information for all Production Devices is made public on https://mre.gov.rs/sites/default/files/registri/registar_PP.html (the website of the Ministry).

F.3 Measurement Body(/ies)

F.3.1. All electricity production is subject to measuring which is carried out by the EMS JSC Belgrade, Elektrodistribucija Srbije Ltd. Belgrade and Operators of closed distribution systems.





G Activity Reporting

G.1 Public Reports

- G.1.1. EMS JSC Belgrade will publish EECS-GO Market Information relating to the trading scheme on its website <u>www.ems.rs</u> or the public page of the Registry every month at least including:
 - A list of participants registered for the Scheme in the Domain of Serbia
 - A list of Production Devices
 - Information on GO that have been Issued
 - Information on GO that have been Transferred
 - Information on GO that have been Exported
 - Information on GO that have been Imported
 - Information on GO that have been Cancelled
 - Information on GO that have been Cancelled for use in other Domains
 - Information on GO that have Expired.
- G.1.2. Detailed information about Production Devices such as:
 - Name of the Production Device
 - Installed power
 - Commissioning date
 - Type of fuel

shall be published on public page of Registry.

- G.1.3. For each technology, statistical information are published on the following website <u>https://www.aib-net.org/facts/market-information/statistics/activity-statistics-all-aib-</u> <u>members</u>, regarding:
 - certificates issued, transferred internally intra-domain, imported, exported, cancelled, expired during each month prior to the current month,
 - certificates issued, transferred internally intra-domain, imported, exported, cancelled, expired in relation with the energy produced during each month prior to the current month,
 - certificates imported through a bilateral connection.





G.2 Record Retention

Data	Time	Medium
Standard terms and conditions and its appendices	Indefinitely	Paper
Production Device Registration forms	10 years	Paper
Meter reading data	10 years	Electronic Archive and Database backups
Transaction data	10 years	Database backups

Audit reports are kept according to Ministry's procedure.





G.3 Orderly Market Reporting

- G.3.1. EMS JSC Belgrade shall report failures of EECS-GO Market Participants to comply with the provisions of the Product Rules to the NRA. Such failures shall include behavior by EECS-GO Market Participants of which the EMS JSC Belgrade is aware and which, in its reasonable opinion, amounts to a breach of Law on protection of competition, or applicable law governing the conduct of financial markets.
- G.3.2. EMS JSC Belgrade shall notify the AIB of any report made by it under section G.3.1 and shall provide the AIB with as much information in relation to such report as is consistent with any duty of confidentiality it may have to the relevant EECS Market Participant(s).
- G.3.3. Where EMS JSC Belgrade determines that the EECS Market Participant is in breach of the Product Rules or determines that a Production Device does not meet Production Device Qualification Criteria for an EECS-GO, EMS JSC Belgrade shall:
 - take such action as is necessary to ensure compliance (including the withdrawal of registration of the relevant Production Device for the purposes of EECS-GO; and
 - notify the AIB of such breach where EMS JSC Belgrade has reasonable opinion that such breach could affect the transfer of EECS-GO outside of its Registry.





H Association of Issuing Bodies

H.1 Membership

- H.1.1. The Association of Issuing Bodies brings together the issuing bodies of European energy certificate schemes. The AIB promotes the use of a standardised system, based on a harmonised environment, structures and procedures in order to ensure the reliable operation of European energy certificate systems. With its independent and peer reviews, and its periodic audits, the AIB provides a robust framework for reliable and fraud-resistant GO systems. Among others, it can also act by suspending transfers through the Hub. Membership of AIB facilitates mutual recognition of GOs across Europe.
- H.1.2. In case EMS JSC Belgrade ceases to be a Scheme Member of an EECS Scheme, it shall revise its EECS Registration Database so that every Production Device registered therein ceases to be registered for the purposes of EECS. Certificate issuing under EECS would stop, and EECS GOs would remain tradable only until Expiry.
- H.1.3. In case EMS JSC Belgrade ceases to be the Authorised Issuing Body for EECS Certificates, it shall revise its EECS Registration Database so that each Production Device in the Domain ceases to be registered for the purposes of EECS Certificates, it shall stop issuing EECS GOs and after a transitional period the registry shall be taken offline.
- H.1.4. Should EMS JSC Belgrade withdraw from AIB membership, it will give notice to the EECS-GO Market Participants in accordance with the Standard Terms and Conditions.
- H.1.5. EMS JSC Belgrade will re-register all Production Devices if a new registry replaces the existing registry.
- H.1.6. EMS JSC Belgrade will advise the AIB as soon as is practicable if it is no longer designated as the Issuing Body for the Domain of Serbia.

H.2 Complaints to the AIB

- H.2.1. An Account Holder is allowed to notify the Secretary General of AIB in writing in case:
 - a) an Authorised Issuing Body in relation to an EECS Certificate is in breach of any of the provisions of Product Rules in relation to EECS Certificate; or
 - any Product Rules do not comply with the relevant provisions of the EECS Rules, and evidence is provided substantiating such allegation, and that the Authorised Issuing Body has been given adequate opportunity to respond to such allegation.
- H.2.2. The General Secretary of AIB shall invite the relevant Authorised Issuing Body to respond to the allegation.





I Change Control

1.1 Complaints to EMS JSC Belgrade

I.1.1. All complaints shall be submitted to EMS JSC Belgrade in writing. The complaint shall include identification of the complainant, date of the complaint and a detailed description of the complaint subject. EMS JSC Belgrade is obliged to consider the complaint, investigate the circumstances and if possible, with this Domain Protocol resolve the cause of the complaint. The complainant shall be informed by EMS JSC Belgrade how the complaint is or will be processed within 15 working days. EMS JSC Belgrade shall resolve the complaint not later than within 30 working days.

I.2 Disputes

- I.2.1. Where there is a dispute between an Account Holder and EMS JSC in connection with this Domain Protocol, the Account Holder and EMS JSC shall first seek amicable settlement through mutual consultation. The Account Holder and EMS JSC shall meet within twenty (20) Working Days after the matter has been referred to them and seek to resolve the dispute.
- I.2.2. If the Account Holder and EMS JSC are unable to resolve the dispute within twenty (20) Working Days of the meeting or such longer time as may be agreed then the dispute shall be determined by competent Commercial Court in Belgrade.
- I.2.3. The substantive law of Serbia shall be applicable.

1.3 Change Requests

- I.3.1. EMS JSC Belgrade can amend the Domain Protocol from time to time.
- I.3.2. An Account Holder may propose a modification to this Domain Protocol or Standard Terms and Conditions. Such a proposal will include a detailed description, including an exact specification of any proposed modification of this Domain Protocol or Standard Terms and Conditions and be passed in writing to EMS JSC Belgrade.
- I.3.3. A deadline to transit from old to new Standard Terms and Conditions will be from 30 to 60 days. All Account Holders will remain active and valid during this transition period.
- I.3.4. On receipt of such a request, EMS JSC Belgrade will:
 - Respond to the request within 30 working days, describing the procedures to be followed, and estimating when a reply can be expected;
 - Decide whether the request and its consequences are in its opinion reasonable;
 - If the proposal leads to a modification of the Domain Protocol, EMS will inform the EECS Market Participants within Serbia of the outcome of this decision.
- I.3.5. Any modifications to this Domain Protocol are subject to approval by the AIB that such changes do not conflict with the EECS Rules of the Association of Issuing Bodies (AIB) for The European Energy Certification System.
- I.3.6. Implementation of modifications will be notified by email to the EECS Market Participants and will take effect on publication of the documentation on the website <u>www.ems.rs</u> and <u>www.aib-net.org</u> if not specified otherwise.

I.4 Final provisions





- I.4.1. Upon the approval of the EMS JSC Assembly, these Rules shall enter into force on the day of their publication on the website of EMS JSC Belgrade.
- I.4.2. On the day of entry into force of these Rules, Rules on issuing guarantees of origin number: 000-00-ROU-12/2019-005, dated 30.10.2019 shall cease to apply.

EMS JSC BELGRADE ASSEMBLY Class: 1 4 0 Number: 000-00-ROU-XX/2022-001 Belgrade, 10th of April 2022

PRESIDENT OF THE ASSEMBLY

Mr. Milun Trivunac, ma. in Economics





J Abbreviations

AERS - Energy Agency of the Republic of Serbia

AIB – Association of Issuing Bodies

EECS – European Energy Certificate System

GO - Guarantee of Origin

EMS JSC BELGRADE – company with registered office at Beograd, Kneza Miloša 11, Serbia and incorporated in the Serbian Business Register with the Company Identification No.20054182;

Ministry - Ministry of Mining and Energy of the Republic of Serbia

NRA - National Regulatory Authority

ENTSO-E - European Network of Transmission System Operators for Electricity





K Annex 1: Contacts List

Issuing Body and Registry Operator and Support, , Measurement Bodies

Authorised Issuing Body Company Contact Person: Address: Country:

EMS JSC Belgrade Office for EECS-GO Vojvode Stepe 412, 11000 Beograd Serbia +381 11 3957 360 +381 11 3957 270 +381 11 3957 176, +381 11 3957 177 go-info@ems.rs

Email address:

Phone number:

National Regulatory Authority (NRA)

Company Address: Country: Phone number: Email address: AERS Terazije 5, 11000 Beograd Serbia +381 11 63 50 130 info@aers.rs

Production Auditors

Contact Person

www.mre.gov.rs/





Measurement Bodies

Transmission System Operator (TSO)

Company	EMS JSC Belgrade
Address:	Vojvode Stepe 412, 11000 Beograd
Country:	Serbia
Phone number: Email address:	+381 11 3957 176, +381 11 3957 177 go-info@ems.rs

Distribution System Operator (DSO)

CompanyElektrodistribucija Srbije Ltd. BelgradeAddress:Bulevar umetnosti 12, 11070 Novi BeogradCountry:SerbiaContact Person:https://elektrodistribucija.rs/index.php/kontakti/kontak-za-korisnikeEmail address:info.centar@epsdistribucija.rs

Operator of Closed Distribution System

Company	NIS JSC Novi Sad
Address:	Narodnog fronta 12, 21102 Novi Sad
Country:	Serbia
Contact Person:	0800008888
Email address:	office@nis.rs

CompanyENERGETIKA Ltd. KragujevacAddress:Prvoslava Rakovića 4A, 34000 KragujevacCountry:SerbiaContact Person:<u>http://www.energetika-kragujevac.com/contact.php</u>Email address:office@energetika-kragujevac.com

Company Address: Country: Contact Person: Email address: MIND Real Estate d.o.o. Aleja Milanovic bb, 34325 Luznice, Kragujevac Serbia +381 34 25 72 75 office@mre.rs



Γ



L Annex 2a: Account Application/Amendment Form

Application for opening an	account in the EECS-GO register
I. Account holder basic information	
Account Holder Name:	
Role on the Market	Eligible Producer / Supplier / Wholesale Supplier
Licence number	
VAT No.	
Business Address	
E-mail	
Mobile Phone Number/Phone Number	
Fax	
EIC	
II. Root user information	
Name and Surname	
E-mail	
Mobile Phone Number	
Phone Number	
III. Technical contact information	
Name and Surname	
E-mail	
Mobile Phone Number	
Phone Number	
IV. Invoice contact information	
Name and Surname	
E-mail	
Mobile Phone Number	
Phone Number	





Annex 2b: Form for Closing Account in the EECS-GO Register

Application for closing an ac	ccount in the EECS-GO register
I. Account holder basic information	
Account Holder Name:	
Role in the Market	Eligible Producer / Supplier / Wholesale Supplier
Licence number / Decision number	
VAT No.	
Business Address	
E-mail	
Mobile Phone Number/Phone Number	
Fax	
EIC	
Member Code	

By signing this application, I confirm authenticity of data and the following:

• I am authorised to submit the application to close the account / eligible producer account

Date:

Name and surname: _____

Signature and stamp:	
----------------------	--





Annex 2c: Standard Terms and Conditions





M Annex 3: Device Registration Form

New Re	gistratio	n / Declaration	of Changes*	Date			
Registra	ant Detai	ls					
Is the Reg	gistrant als	o the owner of the	Device?			Yes/No*	
Registrar	t Name:			Contact pe	rson:		
Street:				e-mail:			
City:				Telephone			
Postal co	de:			Fax			
Country:							
Product	tion Devi	ce Details					
Device Na	ame:			Latitude			
Street:				Longitude			
City:				TSO's mete	ering ID		
Postal co	de:			Installed ca	apacity (kW)		
Country:			Serbia		nmissioning		
	nent Body:			Grid conne	ected	Yes/No*	
		es present (if yes g		Yes/No*			
			d directly to the grid,				
			onal relevant meter				
-	n numbers:						
Energy S	ources (see	e tables below)					
Energy In	put			Technolog	У		
Leve	el 1	Level 2	Level3	Level ?	1 Le	evel 2	Level3
Support S	Schemes						
Yes/No*		port scheme name l	nere]	Yes/No*	[insert suppor	t scheme na	ame here]
Yes/No*		port scheme name l		Yes/No*	[insert suppor		
Yes/No*		port scheme name l	-	Yes/No*	[insert suppor		-
Independ	ent Certific	ation Schemes for	which the device is o	eligible			

By signing this application, I confirm authenticity of data and the following:

- I am authorised for applying for PD registration
- I permit EMS JSC Belgrade to register PD in EECS-GO Registry on my behalf
- I will bear the expense of PD registration

Date:

Name and surname: _____

Signature and stamp: _____

Enclosures: Decision on status of eligible producer

Registrant Authorised Signature

EMS JSC Belgrade





Annex 4: Production/Consumption Declaration for Biomass Power Plants

<u>Eligible</u>	Producer	Declaration	of the Use	of Certair	n types of I	Primarily	<u> Fuel Form</u>
<u>I. Acc</u>	<u>ount hold</u>	er and Produ	ction Devi	ce basic i	nformation	1	
Name of	Account Hol	der					
Member	Code						
Name of	Production [Device					
Month ar declarati	nd year relati on	ng to					
II. Data	on the use	e of primary f	uel (multip	le biomas	ss type, or	other fu	el type)
Period:	Quantity in stock at the beginning of the month I (kg)	Purchased quantity (from other legal or natural persons) during the month II (kg)	Produced quantity (own waste / plantations) during the month III (kg)	Quantity in stock at the end of the month IV (kg)	Total consumed quantity during the month M = (I+II+III)-IV (kg)	Average calorific value C (kJ/kg)	Energy factor of consumed quantity $\frac{M \times C}{\sum_{i=1}^{n} M^{i} \times C^{i}} \times 100$ (%)
Total biomass							
Total other sources							

Renewable Energy Factor:

 $\sum_{i=1}^{j} M^{i} \times C^{i}$ $\sum^{n} M^{i} \times C^{i}$

By signing this application, I confirm authenticity of data and the following:

• I am authorised to submit this declaration

Date:

Name and Surname: ______ Signature and stamp: ______ Registrant Authorised Signature ______



Cancellation Statement



N Annex 5: EECS Electricity Cancellation Statement

This Cancellation Statement acts as a receipt for the EECS-GOs listed below and for the purpose shown.

With this Cancellation Statement, released on the <yyyy-mm-dd>, the indicated EECS-GOs are no longer tradable. Onward sale of this Cancellation Statement is prohibited. The environmental qualities of the associated energy have been consumed and that this Cancellation Statement and these Certificates may not be transferred to any party other than the energy supplier or end-consumer.

ransaction details							
Transaction Type:	(Cancel					
Transaction Date:	:	2017-12-05 12:50:00					
Transaction Number:	:	2017120500001					
Public link to cancellation st	atement:	nttp://democmo.grexel. 8dab1ec3394b.pdf	com/Cancellati	onStatements/Cancella	ionStatement_4850_437	741357-a90a-408	a-a086-
Message to Receiver:							
rom				То			
Account Holder:	CAT_Produc	er		Name of Beneficiary:	Tarifni pake	t 60%	
Account:	RS-CAT_Pro	ducer- 64300240690000	00879	Cancellation Purpose:	Objavljivanj	e informacije	
Domain:	Serbia			Consumption Period:	2017-10-01	to 2017-10-31	
Street:				Country of Consumptio			
Postal Code and City:	12223 Golub	ac		Location of Beneficiary			
Country:	Serbia			Usage Category:	Disclosure		
				Type of Beneficiary:	End-consur	ner	
				·//····			
otal							
T							
lotal MWh:	33						
Total GO:	33 33 Volume Domain	Fuel, S	/T issuing Dat	Production	Production Device (GSRN, installed	Trading	Support
6430024065559	33	Fuel, 5 Technology 5	/ſ Issuing Dat	Production Period	Production Device (GS R N, installed capacity, name)	Trading Schemes	S upport S chemes
Total GO: ttificate Number om - To) 5430024065559 0961000000012 5745 To 5430024065559 996100000012	33	Fuel, Technology S F01010101, T050101 S			(GSRN, installed	Trading Schemes GO	
Total GO: rtfficate Number om - To) 5430024065559 19961000000012 57845 To 5430024065559 19961000000012 5777 Production Device public in	33 Volume Domain 33 Serbia	Technology ³ F01010101, S T050101 S		2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
rttikate Number om - To) 5430024065559 9961000000012 5745 To 6430024065559 996100000012 5777	33 Volume Domain 33 Serbia	F01010101,	2017-11-20	2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
rtflcate Number om - To) 5430024065559 996100000012 5745 To 5430024065559 996100000012 5777 Production Device public in Production Device Rame: Production Device GSRN:	33 Volume Domain 33 Serbia	Technology ³ F01010101, T050101 S CATMultifuel	2017-11-20	2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	Support S chemes No suppor
rtflcate Number om - To) 6430024065559 996100000012 5785 To 4530024065559 996100000012 5777 Production Device public in Production Device Name: Production Device GSRN: Domain of Production Devi	33 Volume Domain 33 Serbia	Technology 3 F01010101, T050101 S CATMultifuel 643002406996000 Serbia S	2017-11-20	2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
Total GO:	33 Volume Domain 33 Serbia	Technology 3 F01010101, T050101 S CATMultifuel 643002406996000 Serbia 43,54	2017-11-20	2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
rotal GO: rtflcate Number om - To) 430024065559 996100000012 5745 To 9961000000012 5777 roduction Device public In Production Device Name: Production Device GSRN: Domain of Production Devi Installed Capacity, MW: Date of Commissioning:	33 Volume Domain 33 Serbia formation ce:	Technology 3 F01010101, T050101 S CATMultifuel 643002406996000 Serbia 43,54 2014-07-07	2017-11-20	2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
rotal GO: rtflcate Number om - To) statucture Automatic Statucture statucture Automatic Statucture statucture Automatic Auto	33 Volume Domain 33 Serbia formation ce:	Technology 3 F01010101, T050101 S CATMultifuel 643002406996000 Serbia 43,54 2014-07-07 32000 Cacak	2017-11-20	2017-10-01	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
rtificate Number om - To) 430024065559 9961000000012 745 745 745 745 745 747 747 747 747 747	33 Volume Domain 33 Serbia formation ce:	Technology 3 F01010101, T050101 S CATMultifuel S 643002406996000 Serbia 43,54 2014-07-07 32000 Cacak CAT_producer	2017-11-20	Period 2017-10-01 To 2017-10-31	(GSRN, installed capacity, name) 643002406996000166 43.54 MW	Schemes	
rtificate Number om - To) 5430024065559 9961000000012 5745 To 5430024065559 9961000000012 5777 roduction Device public In Production Device QSRN: Domain of Production Devi Installed Capacity, MW: Date of Commissioning: Location of Production Dev Operator Name: Address of Operator:	33 Volume Domain 33 Serbia formation ce:	Technology 3 F01010101, T050101 S CATMultifuel S 643002406996000 Serbia 43,54 2014-07-07 32000 Cacak CAT_Producer Karadjordjeva 46,	2017-11-20 2166 32000 Cacak, St	* Period	(GS RN, installed capacity, name) 643002406996000166 43,54 MW CATMultifuel	Schemes	
Total GO:	33 Volume Domain 33 Serbia formation ce:	Technology 3 F01010101, T050101 S CATMultifuel 6 643002406996000 S Serbia 43,54 2014-07-07 32000 Cacak CAT_producer Karadjordjeva 46, T050101 - Therman	2017-11-20 20166 32000 Cacak, St	erbia	(GS RN, installed capacity, name) 643002406996000166 43,54 MW CATMultifuel	Schemes	
rtificate Number om - To) 5430024065559 9961000000012 5745 To 5430024065559 9961000000012 5777 roduction Device public In Production Device QSRN: Domain of Production Devi Installed Capacity, MW: Date of Commissioning: Location of Production Dev Operator Name: Address of Operator:	33 Volume Domain 33 Serbia formation ce:	Technology 3 F01010101, T050101 S CATMultifuel 6 643002406996000 S Serbia 43,54 2014-07-07 32000 Cacak CAT_producer Karadjordjeva 46, T050101 - Therman	2017-11-20 20166 32000 Cacak, St	* Period	(GS RN, installed capacity, name) 643002406996000166 43,54 MW CATMultifuel	Schemes	