



EECS

DOMAIN PROTOCOL

FOR

MEKH – HUNGARY

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CHANGE HISTORY

Version	Description
1	First iteration of the Domain Protocol
2	Second iteration of the Domain Protocol following the first periodic audit
3	Third iteration of the Domain Protocol following legislative changes
4	Fourth iteration of the Domain Protocol for the Gas Scheme application

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ABBREVIATIONS AND DEFINITIONS

Agreement	Contract signed by the Account Holder with the Hungarian Energy and Public Utility Regulatory Authority (MEKH) in order to access and use the EECS Registration Database (Registry) in the Hungarian Domain. The agreement exists as a contract between Account Holders and MEKH which contains the General Terms and Conditions as an annex (the GTCs has three annexes: Privacy Policy, Fee schedule, AIB STCs)
AIB	Association of Issuing Bodies
HEC	High efficient cogeneration
HEC Decree	Min. Decree 110/2007. (XII. 23.) details the calculation method to be applied to determine the volumes of electricity and useful heat produced by high-efficient cogeneration together with useful thermal energy and of useful heat
Date of Entry to the Electricity Scheme	The date when the Hungarian Energy and Public Utility Regulatory Authority (MEKH) entered the EECS Scheme, namely: 1st February 2022
Date of Hub connection	The date when the Hungarian Energy and Public Utility Regulatory Authority (MEKH) became a Hub User, namely: 1st March 2022
Disclosure Decree	Min. Decree 6/2008. (VI. 18.) on the certain data services related to the management, operation and use of the electricity system
DSO	Distribution System Operator
Electricity Act	Act LXXXVI of 2007 on electricity (latest modified 23.12.2024 by Act. LXXXIX. 2024).
Electricity EECS GO	Electricity EECS Guarantee of Origin, meaning GOs issued according to the European Energy Certificate System (the EECS® Rules)
Energy Carrier Conversion	The transfer of energy carried by one type of energy carrier to another type of energy carrier.

EECS Conversion Issuance	The issuance of an EECS Certificate corresponding to Energy Carrier Conversion, and for which EECS Certificates representing Input to that Production Device have been Cancelled.
Gas GO Regulation	Government Regulation nr. 215/2024 on certifying the origin of renewable gases
Gas Storage System	Device or system that stores gas, for which the Gas Carrier injected into that device or system is the same as the Gas Carrier that flows out of it.
HUPX	HUPX Hungarian Power Exchange Company Limited by Shares
KÁT	The feed-in tariff system, in which electricity can be sold at a take-over price set by Gov. Decree 389/2007 (XII. 23.) on the mandatory take-over and the takeover price of electricity generated from renewable energy sources or waste and cogenerated electricity.
MEKH	Hungarian Energy and Public Utility Regulatory Authority
METÁR	Hungarian Renewable Energy Support System support under Gov. Decree 299/2017. (X. 17.) on mandatory takeover and premium support for electricity from renewable energy sources
Natural Gas Act	Hungarian Act Nr. XL 2008 on Natural Gas Supply
PD	A Production Device is a separately measured device or group of devices that produces an Output.
PV	A photovoltaic (PV) cell, commonly called a solar cell (or the technology itself), is a non-mechanical device that converts sunlight directly into electricity.
RED III	Directive (EU) 2018/2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources
Registry	EECS Registration Database
Renewable gas	Gas produced from renewable energy sources, including gaseous renewable fuels of non-biological origin (RFNBO). (Natural Gas Act: Article 3 point 49j.)
RES	Renewable Energy Sources

Storage System	Storage System Device or system that stores energy, for which the Energy Carrier injected into that device or system is the same as the Energy Carrier that flows out of it.
TSO	Transmission System Operator

Any other abbreviations used in this Domain Protocol shall have the meanings ascribed to them in the EECS Rules.

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 deviation 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

This section demonstrates compliance with the following EECS Rules:

A11.1.1	C3.1.1	E6.2.1a	E6.3.1	E6.3.2	N2.1.1	O2.1.1
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- B.1.1 This Domain Protocol sets out the procedures, rights and obligations, which apply to the Domain of Hungary and relates to the EECS Electricity Scheme and Gas Scheme as defined in the EECS Rules. The template of a Domain Protocol shall be approved by the AIB EECS Unit.

MEKH is authorised to issue EECS Certificates relating to the following EECS Products: Electricity GOs and Gas GOs.

Legal references:

For electricity GOs: Article 6/A of the Electricity Act

For gas GOs: Article 118/B of the Natural Gas Act

- B.1.2 Production Device (PD) qualification for this Domain will be determined such that, the PD is effectively located in Hungary.

- The borders of the Domain are determined as follows: the state borders of Hungary.

- B.1.3 The Hungarian Energy and Public Utility Regulatory Authority (hereafter **MEKH**) is authorised to issue EECS GO Certificates in the Hungarian EECS Registration Database (hereafter **Registry**) for the following EECS Products:

EECS Guarantee of Origin (hereafter EECS GOs) -

- for electricity produced from Renewable Energy Sources (**RES**),
- electricity produced from Nuclear Energy Sources (**NES**),
- electricity produced from High Efficient Cogeneration (HEC)
- electricity produced from Storage Systems
- gas produced from RES,
- renewable gas produced from energy conversion,
- renewable gas produced from Gas Storage Systems.

- B.1.4 MEKH is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):

- Source

MEKH had been authorized to issue National Guarantees of Origin (hereafter **National GOs**) for electricity produced from RES or HEC before 1st February 2022. National GOs do not exist

anymore and are no longer issued. EECS GOs are only issued for electricity production starting from the Date of Entry.

MEKH is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):

- Source: electricity and gas
- Electricity GO: article 6/A. § of the Electricity Act states that MEKH is the issuing body for electricity GOs in Hungary.
- Gas GO: Article 118/B. Of the Natural Gas Act states that MEKH is the issuing body for gas GOs in Hungary
- MEKH also issues GOs for electricity produced by High-Efficiency Cogeneration Technology PDs, in accordance with EU Directive 2012/27 (EU) and with Article 3, point 13a of the Electricity Act, GOs can also be issued for electricity produced by High-Efficiency Cogeneration Technology PDs. Article 6/A of the Electricity Act states that the authority that issues GOs for electricity is MEKH.

B.1.5 MEKH is authorised to Issue EECS Certificates relating to the following Energy Carriers: electricity and gas and the following energy sources: RES/nuclear energy sources and renewable gas and green hydrogen.

No GOs are issued for electricity and gas produced from fossil energy sources (with the exception of HEC GOs).

B.1.6 No Non-Governmental Certificates exist in Hungary. MEKH is not authorised to issue any other types of energy certificates outside of the EECS Framework. There are monthly auctions for EECS GOs organized by HUPX (Hungarian Power Exchange Company) (hereafter **HUPX**).

B.2 Status and Interpretation

This section demonstrates compliance with the following EECS Rules:

E6.2.1d	E6.2.4	E6.3.1	E6.3.4
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B.2.1 This document refers to EECS Rules [8 v 1.9]. It is based on the Domain Protocol template release [from January 2023]. The EECS Rules are subsidiary and supplementary to national legislation.

B.2.2 The EECS Rules and its subsidiary documents are implemented in Hungary in the manner described in this Domain Protocol. Any deviations from the provisions of the EECS Rules that may have material effect are set out in section C.7 of this document.

B.2.3 The capitalised terms used in this Domain Protocol shall have the meanings ascribed to them in the EECS Rules except as stated in section C.7 of this document.

- B.2.4 This Domain Protocol is made contractually binding between an EECS Participant and MEKH 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.3 Roles and Responsibilities

This section demonstrates compliance with the following EECS Rules:

A11.1.1	C3.1.1	E4.2.2	E6.2.1c	H
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- B.3.1 The Authorised Issuing Body for Electricity and Gas EECS GOs in Hungary is MEKH, appointed by Section 6/A and 6/B of Act LXXXVI of 2007 on electricity (hereafter **Electricity Act**) for Gas EECS GOs and Section 118/B. of Act XL on Natural Gas Supply (hereafter Natural Gas Act). Its role is to administer the Registry and interface with the EECS Transfer System. The Ministry of Energy is the main Governmental regulatory and executive body, and it also provides data for the EU on renewable energy.
- B.3.2 The Competent Authority for EECS GOs in Hungary is MEKH. Its role is defined by legislation to be responsible for the operation of EECS GOs in Hungary. MEKH acts as Issuing Body, Production Registrar, Production Auditor and Registry Operator relating to both electricity and gas GOs.
- B.3.3 MEKH is the National Regulatory Authority of the energy sector in Hungary. MEKH as the NRA is responsible for licensing and for supervising activities in the energy sector. Licenses are issued following an application process, MEKH carries out the administrative processes around the application and then issue a licensing decision. MEKH is also responsible for calculating the annual Fuel Mix Disclosure calculations.
- B.3.4 Both Registries for electricity and gas) are provided by EEX (G-REX).
- B.3.5 The Authorised Measurement Bodies are the Distribution System Operators (hereafter **DSOs**) and the Transmission System Operator (hereafter **TSO**) listed on the [website of MEKH](#). They are the bodies established under national regulation to be responsible for the collection and validation of measured volumes of energy used in national financial settlement processes.

Operators of PV producing off-grid (not connected to the grid) and Storage Systems will transfer data to MEKH, audited by an independent auditor. The audit shall describe the measurement and transfer of data sent to the MEKH. The audit will be approved by MEKH decision. After the first audit the GO decree obliges producers for an annual data audit and annual supervision procedure for MEKH.

Operators of solar (PV) plus energy Storage Systems that are not connected to the electricity grid (off-grid) must send their data to MEKH (the Hungarian Energy and Public Utility Regulatory Authority).

This data must be checked by an independent auditor. The audit must prove that the data collection and transfer were accurate, complete, and trustworthy. MEKH will review and

approve the audit based on its decision. After the first audit, the GO decree requires producers to have a data audit every year and to go through an annual supervision process, both overseen by MEKH.

HUPX is the organizer of monthly auctions for electricity EECS GOs. Besides, HUPX is a licensee of MEKH as the operator of the organized electricity market.

Production Auditors for gas PDs carry out the audits for PD authorizations and operational (or yearly) PD audits. In the Data Decree (Annex 17) there is an obligation set out for the Gas TSO (FGSZ Zrt. in Hungary) to send gas production data (including the quantity and quality of renewable gases) to MEKH on a daily basis.

For operators of both grid and off-grid PDs (there is no MEKH license for off-grid PDs) the obligation to send data to MEKH is also described in the Data Decree (Annex 26). This production data must be provided monthly, by the 20th day of the month, following the production period.

Concerning off-grid PDs, their authorization decision states the conditions of renewable gas production. In Hungary, the Metrological and Technical Supervisory Department of the Government Office of the capital city Budapest is the national metrology institute responsible for legal metrology, including gas measurement. The body's activities are governed by Hungarian law, Act XLV of 1991 on Metrology. There are regional metrology offices: each Hungarian county has a government office of metrology.

The role of the Account Holders are the followings:

Generally, the Account Holder is responsible for exercising the rights of disposal over the Account and for fulfilling the obligations.

The Account Holder is entitled to:

- a) transfer the GOs from its Account to another AIB Hub Gas GO Account,
- b) request recognition of the GOs intended for domestic consumption in a GO Registry not automatically linked to the GO Registry pursuant to Section 11(1) of the Gas GO Regulation;
- c) request the import of guarantees of origin registered in a GO Registry not automatically linked to the domestic GO Registry pursuant to Section 11(1) of the Gas GO Regulation;
- d) request the export of GOs from the domestic GO Registry to a GO Registry not automatically linked to the domestic GO Registry pursuant to Section 11(1) of the Gas GO Regulation;
- e) request the use of the guarantee of origin on the Account abroad from the domestic GO Registry to a GO Registry not automatically linked pursuant to Section 11(1) of the Gas GO Regulation;
- f) cancel GOs on the Account.

The Account Holder is obliged to:

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- a) pay the fees specified in the List of Fees to the Authority for the use of the Account within the specified time limit;
- b) comply with any requests from MEKH for the provision of case-specific data or information relating to the Account, the guarantees of origin and the PD assigned to the Account within the time limit specified by MEKH.

The roles of the Producer are the following:

- A) Send a request to MEKH to ask for a decision on whether the producer's PD is suitable for the production, storage or conversion of renewable gas. If MEKH finds that the PD is suitable for the production, storage or conversion of renewable gas, it shall specify in its authorization decision the details of the PD and the method of calculating the energy content of the net renewable gas production for which a guarantee of origin can be issued.
- B) Applications for certification shall be submitted on the form published on MEKH's website. The producer shall attach the following documents to the application:

the structure and detailed description of the PD's operation, its operating diagram and flow chart, indicating the auxiliary equipment, pump and compressor stations, renewable gas storage facilities and measuring points

- C) certificates of conformity for the measuring equipment,
- D) the types of energy sources that can be used by the PD,
- E) a statement in which the producer undertakes to keep accurate records of the use of energy sources by type and to make this data available to MEKH,
- F) with the exception of renewable gas storage facilities with a natural gas storage licence, a report prepared by an independent conformity assessment body that also meets the requirements of the Gas GO Regulation and an expert of the independent compliance assessment organisation (hereinafter referred to as the auditor) following an on-site inspection, which shall be published on the website of MEKH, stating that the PD, including the design of the production, conversion or storage processes and the measuring equipment and its organization are suitable for determining the net quantity and the characteristics to be indicated on the guarantee of origin of renewable gas produced, converted or stored,
- G) a cooperation agreement with the relevant system operator if the renewable gas is fed into the cooperating natural gas system, in whole or in part,
- I) in the case of renewable gas not fed into the cooperating natural gas system, the name of the organisation responsible for measuring the renewable gas,
- J) in the case of renewable gas not fed into the cooperating natural gas system, a statement of the producer on its own use or a declaration from the buyer regarding the sale,
- K) a statement whether investment subsidy or other state aid was used for the establishment of the PD and, if so, the statement shall include:
- (ia) the name of the subsidy scheme,
- (ib) the provider of the subsidy,
- (ic) the amount and currency of the subsidy received, and
- (id) the details of the payment of the subsidy,

M) a statement by the producer indicating

a) the guarantee of origin is to be entered in which current account, or

b) the producer has requested MEKH to open the current account to be used for the registration, and

N) other documents to ensure compliance with the CEN/EN16325 standard on guarantees of origin and the international system of guarantees of origin, as specified by MEKH in its information on certification.

In case the Account Holder is also a PD producer then both the roles of the Account Holder and PD Producers should be accomplished by this entity.

B.3.6 Contact details for the principal roles and Issuing Body agents are given in Annex 1.

B.4 Summary: Issuance scope

B.4.1 In summary, MEKH has been authorised to Issue the following types of energy certificates for electricity:

Issuing Body issues certificates for Electricity		Electricity – Product Type	
	Energy Source	Source	Technology (= High-Efficiency Cogeneration)
EECS electricity GO	Renewable (incl. Storage Systems and off-grid production)	x	x
	Fossil		x
	Nuclear	x	x

B.4.2 In summary, MEKH has been authorised to issue the following types of energy certificates for gas:

Issuing Body issues certificates for Gas		Type of Gas		
	Energy Source	Unspecified (Off – Grid)	Methane	Hydrogen
EECS Gas GO	Any renewable source		x	x
National GO (non-EECS*)	none			

EECS Support Certificate	none			
EECS Target Certificate	none			
EECS NGC (name)	none			
National certificate other than GO (non-EECS*)	none			

C OVERVIEW OF NATIONAL LEGAL AND REGULATORY FRAMEWORK

C.1 Energy Market context for electricity and gases in Hungary

C.1.1. In the supply chain of the electricity system, power plant companies sell electricity generated to traders or to the universal service provider (commercially), who, in turn, resell electricity on the wholesale market or to supply customers directly in the retail market. Electricity is supplied to the user from the producer (physically) through the transmission and distribution network. Although the owners of the transport infrastructure have a monopoly, the Hungarian regulations, which are in conformity with EU requirements, ensure access to the infrastructure without discrimination. The transmission and the distribution activities must be performed by different companies, who may not pursue power generation or trading activities. In Hungary for electricity, there is one TSO and six DSOs. Since the opening of the market in 2003, the retail electricity market has been characterized by a dual structure caused by the separation of the market, subject to price regulation and the competitive market segment. The public utility service, subject to official pricing, which used to be available to every customer, was replaced in 2008 by universal service, which is available to a much narrower group of eligible customers.

Since market liberalisation has started, the actual electricity exchange depends on the - even daily - decision of market participants, on market liquidity, and on the capacity of cross-border interconnections.

As an important part of the energy market liberalization in Hungary, the national TSO, MAVIR has established HUPX as its subsidiary in 2010. HUPX is the operator of the organized Hungarian spot power market. HUPX is licenced as a NEMO (Nominated Electricity Market Operator) by MEKH. The day-ahead and intraday markets of HUPX are part of the Single Day-ahead Coupling (SDAC) and Single Intraday Coupling (SIDC).

Official yearly statistics – including generation capacity data for all energy sources – is published on MEKH’s website in [bilingual \(Hungarian and English\) documents](#).

With the new GO Decree, new GO products will be introduced in 2025 to the Hungarian energy mix:

- renewable energy GOs produced household PV

- renewable energy GOs for Storage System
- renewable energy GOs produced and consumed off grid
- nuclear GOs

C.1.2. **Concerning the Hungarian Gas Market**, both imported and domestically produced natural gases are sold to domestic users by traders and the universal service provider (Fgsz). Natural gas distribution systems are operated by 10 regional distributor companies. Most of the regional distribution activity is carried out by five large companies that is geographically divided between them.

Since the market opening in 2004 the retail market has been characterised by a dual structure. In the free market segment, the prices are formed by the market. Consumers eligible for universal service can get natural gas at a regulated (maximized) price.

The customers eligible for universal service are the household consumers, other customers with purchased capacity below 20 m3/hour, and the local governments up to the capacity to supply consumers living in rented apartments of the local government.

Non-eligible customers either purchase natural gas from the competitive market or enter the free market upon the termination of their eligibility to universal service (customers with medium and low consumption and district heating generators).

For the sake of sustaining the security of supply, in line with the provisions of the Natural Gas Act, MEKH establishes the conditions for conducting licensed and related activities in the licence issued by MEKH. Compliance with the sectorial requirements laid down therein is monitored and legal consequences are applied as appropriate.

MEKH determines the system charges of natural gas in a regulation and prepares the universal service prices for the Ministry of Energy. In addition, MEKH supervises fees and performs cost review. As part of the fee supervision, MEKH examines whether licence holders actually apply the fees set by the Ministry of Energy or MEKH. As part of the cost review process, MEKH determines the eligible costs for licence holders, which form the basis of regulated price setting.

MEKH monitors the security of natural gas supply and controls the sufficiency of natural gas sources.

C.2 The EECS Framework

This section demonstrates compliance with the following EECS Rules:

D3.1.2	E6.2.1b	E6.2.1d	N8	O.10
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C.2.1 For Hungary, the relevant local enabling legislation is as follows:

The relevant EU level provisions are set in Directive (EU) 2018/2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources (hereafter **RED II** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32018L2001&qid=1672823615494>)

and in Directive (EU) 2019/944 of the European Parliament and of the Council of 5 June 2019 on common rules for the internal market for electricity and amending Directive

2012/27/EU (hereafter **EMD19** <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32019L0944>).

For renewable gases the relevant EU level provisions are set in RED III, in Directive (EU) 2024/1788 of the European Parliament and of the Council of 13 June 2024 on common rules for the internal markets for renewable gas, natural gas and hydrogen, amending Directive (EU) 2023/1791 and repealing Directive 2009/73/EC (recast) (<https://eur-lex.europa.eu/eli/dir/2024/1788/oj/eng>), and in Regulation (EU) 2024/1789 of the European Parliament and of the Council of 13 June 2024 on the internal markets for renewable gas, natural gas and hydrogen, amending Regulations (EU) No 1227/2011, (EU) 2017/1938, (EU) 2019/942 and (EU) 2022/869 and Decision (EU) 2017/684 and repealing Regulation (EC) No 715/2009 (recast) (<https://eur-lex.europa.eu/eli/reg/2024/1789/oj/eng>).

- C.2.1.1 The provisions of the Directives have been implemented into the Hungarian law as follows.
- C.2.1.2 Electricity Act - describing the definition of the electricity GOs and the authorization of MEKH to issue electricity GOs - is available here:
<https://net.jogtar.hu/jogszabaly?docid=a0700086.tv> Gov. Decree 420/2024(13. XII.) on guarantees of origin certifying the origin of electricity (hereafter **GO Decree**)
<https://net.jogtar.hu/jogszabaly?docid=A2400420.KOR&searchUrl=/gyorskereso?keyword%3D420/2024> regulates the issue, transfer, cancellation, supervision and control of Guarantees of Origin for RES, NES or HEC electricity, as well as recognition in Hungary of Guarantees of Origin issued by other Member States.
- C.2.1.3 Min. Decree 110/2007. (XII. 23.) on the calculation method to be applied to determine the volumes of electricity and useful heat produced by high-efficient cogeneration together with useful thermal energy and of useful heat (hereafter **HEC Decree**) (<https://net.jogtar.hu/jogszabaly?docid=a0700110.gkm>) contains the criteria for HEC qualification of a PD.

Min. Decree 63/2016. (XII. 28.) on detailed rules for determining and paying the amount of funds needed to finance operating aid for electricity from renewable energy sources is available here:
<https://net.jogtar.hu/jogszabaly?docid=a1600063.nfm>

- Natural Gas Act - describing the definition of the gas GOs and the authorization of MEKH to issue gas GOs - is available here:

<https://net.jogtar.hu/jogszabaly?docid=a0800040.tv>

- Government Regulation nr. 215/2024 on certifying the origin of renewable gases (Gas GO Regulation) is available here:

<https://net.jogtar.hu/jogszabaly?docid=a2400215.kor>

- C.2.2 MEKH has been properly appointed as an Authorised Issuing Body for both electricity and gas EECS GOs under the Hungarian Electricity Act, the Natural Gas Act, GO Decree, and the Gas GO Regulation.

C.2.3 MEKH:

- is the Hungarian national regulatory authority of the energy and public utility market;
- is responsible for licensing, supervision, price regulation, national energy-statistics related tasks, supervising the license holders’ billing, contract management and customer service activities;
- has no governmental or ministerial supervision or direct order, its powers and duties shall only be established by law;
- has to report on its activity yearly to the Hungarian Parliament;
- has been properly appointed as an Authorised Issuing Body for GOs under Section 6/A. and 6/B. of the Electricity Act.

C.3 National Energy Source Disclosure

This section demonstrates compliance with the following EECS Rules:

E3.3.14				
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C.3.1 For this Domain, the authorised body for supervision of Disclosure of the origin of energy towards consumers is MEKH. This body is responsible for supervision of disclosure of the origin of the following Energy Carriers: electricity and renewable gas.

C.3.2 The legislation and regulation for electricity GO disclosure are available on [/https://net.jogtar.hu/jogszabaly?docid=a0800006.khe](https://net.jogtar.hu/jogszabaly?docid=a0800006.khe) . The methodology and process for disclosure are as follows: see section C.3.4. Electricity disclosure in Hungary is governed by Min. Decree 6/2008. (VI. 18.) on the certain data services related to the management, operation and use of the electricity system (hereafter **Disclosure Decree**).

The methodology of the residual mix calculation is as follows: see section C.3.4.

C.3.3 Cancellation for usage in another Domain (i.e., Ex Domain Cancellations) are allowed under the following restrictions:

MEKH will decide via an official process on request:

- approves request within 75 calendar days from request, according to the provisions of Act CL of 2016 on General Public Administration Procedures (hereafter Public Administration Act) and Act XXII of 2013 on the Hungarian Energy and Public Utility Regulatory Authority.
- Process steps are the following:
 - verifying the cancellation request (criteria: production of RES, fixed all data for RES GOs and HEC GOs related to points E3.14-15.)
 - confirmation from the Issuing Body in the Domain approving the data provided or providing additional data to meet the EECS Rules

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- if accepted then the cancellation will be fulfilled and the cancellation details recorded in an offline database (Excel® sheet) to be reported to AIB quarterly.
 - If the GO does not contain all of data needed, the cancellation will be declined and reported to AIB.

The Disclosure Decree describes the obligation for suppliers and producers to disclose information to the final consumer regarding the electricity supplied. Suppliers have to indicate on their bill (or an attached document) for the purchaser of electricity, the share of primary energy sources that have been used to produce the electricity supplied.

C.3.4 There are three mechanisms that shall be used for electricity and renewable gas disclosure:

- cancellation of EECS GOs;
- ex-domain cancellation of non-EECS GOs from foreign countries;
- residual mix.

Contractual-based tracking of the energy origin for electricity disclosure is not allowed.

C.3.5 Regarding the consumption period, the following rules are applied:

- For consumption of a given year, EECS GOs can be cancelled from 1st April of that year, until 31st March of the next year.
- The consumption period that is covered with an EECS GO cannot be later than eighteen months from the production of the electricity referring to that EECS GO.

C.3.6 Main steps and deadlines in disclosure process:

- MEKH determines domestic residual mix (energy mix of domestic generated part of electricity and renewable gas consumed and not covered with EECS GOs) for a given year by 20th April the following year.
- MEKH submits domestic residual mix to the Association of Issuing Bodies (hereafter **AIB**) for a given year by 30th April the following year.
- AIB discloses European Attribute Mix for a given year by 15th May the following year.
- MEKH determines adjusted residual mix (energy mix of domestic electricity consumption not covered with EECS GOs) for a given year by 31st May the following year.
- Suppliers disclose product and supplier mixes (based on EECS GOs used and/or adjusted residual mix) for a given year by 1st July the following year. Suppliers are obliged to disclose the information to their consumers and to MEKH as well.
- More details are provided in Annex 2.

C.3.7 EECS GOs may be used by suppliers for disclosure.

C.3.8 Previously, MEKH issued non-EECS National GOs that refer to electricity generation before 1st February 2022 (Date of Entry). The only difference between EECS GOs and these non-EECS GOs is that the latter refer to electricity generated before EECS Membership was granted to MEKH. Taking into account the general rules on

disclosure (esp. C.2.4.), at latest, they can be used for disclosure in relation to consumption year 2022.

C.3.9 As a national regulatory for the energy sector, MEKH has the power to verify disclosure information provided by the suppliers and producers. MEKH has the power to sanction any misleading or incorrect communication of suppliers and producers. MEKH examines all supplier level mixes and conducts random sample checks on production mixes every year.

C.4 National Public Support Schemes

This section demonstrates compliance with the following EECS Rules:

None directly			
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C.4.1 One of the means of encouraging the production of electricity from renewable and waste energy sources is the feed-in tariff system (hereafter **KÁT**), in which electricity can be sold at a take-over price set by Gov. Decree 389/2007 (XII. 23.) on the mandatory take-over and the take-over price of electricity generated from renewable energy sources or waste and cogenerated electricity.

<https://net.jogtar.hu/jogszabaly?docid=a0700389.kor>

PDs utilizing multiple energy sources (co-firing) or waste may receive support only for the part of electricity produced from renewable energy sources (proportionally to the combustion heat). Applying for KÁT support was available until the end of 2016. Production Devices that gain support from KÁT are not eligible for EECS GOs based on Article 19(2) of RED18 and Section 5(4d) of GO Decree.

C.4.2 The new Hungarian Renewable Energy Support System (hereafter **METÁR**) support under Gov. Decree 299/2017. (X. 17.) on mandatory take-over and premium support for electricity from renewable energy sources. PDs utilizing multiple energy sources (co-firing) or waste may receive support only for the part of electricity produced from renewable energy sources (proportionally to the combustion heat).

<https://net.jogtar.hu/jogszabaly?docid=A1700299.kor>

METÁR system offers the following support schemes:

C.4.2.1 ‘METÁR KÁT’ as a feed-in tariff system was available from January 2017 to April 2018 for PDs with an installed power capacity below 0.5 MW and demonstration projects. PDs that gain support from these schemes are able to request GOs, based on Article 19(2b) of RED18, since the market value of the EECS GOs was administratively taken into account in the level of financial support.

C.4.2.2 ‘METÁR Green premium’ is available for new renewable PDs or those undergoing major renovation.

- It was available for applications from January 2017 to May 2019. It granted floating premium support above the monthly reference market price, and RES producers shall sell their electricity on the market. PDs that gain support from this scheme are able to

request GOs, based Article 19(2b) of RED18, since the market value of the EECS GOs was administratively taken into account in the level of financial support.

- ‘METÁR Tender’: Since May 2019, ‘METÁR Green premium’ support shall be granted only via competitive tendering procedures. Tenders are technology neutral with one bidding round and a price-based evaluation. It grants support through a tendering procedure, so, generators of this scheme are able to get EECS GOs based on Article 19(2a) of RED18.

C.4.2.3 ‘METÁR Brown premium’ serves to maintain the operation of biomass or biogas firing PDs. It grants a floating premium support. The value of the brown premium can be determined in two ways:

- The supported price is calculated based on the costs of biomass or biogas-based power production. Operation costs also include maintenance and repair costs which ensure the long-term continuous operation of the PD.
- In the case of PDs, which can be fired also with fossil energy sources, the alternative brown premium aims at preventing the switch to fossil fuels and is determined according to the difference between biomass/biogas and fossil-based power production costs.

PDs that gain support from this scheme are able to request GOs, based on Article 19(2b) of RED18, since market value of the EECS GOs was administratively taken into account in the level of financial support.

C.4.3 Household sized PDs (not more than 50 kVA capacity) cannot receive support in the KÁT and METÁR systems.

C.4.4. [There are no support schemes for Gas Production.](#)

C.5 EECS Product Rules

This section demonstrates compliance with the following EECS Rules:

E.6.2.1f	E.6.2.1e			
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C.5.1 The EECS Product Rules as applied in Hungary are set out within Sections D and E of this document.

C.5.2 GOs can be used solely for the purpose of disclosure.

C.6 Non-EECS certificates in the Domain

C.6.1 National GOs do not exist anymore and are no longer issued. See more detail in B.1.4 and C.3.10.

C.7 Local Deviations from the EECS Rules

C.7.1 EECS GOs are issued for electricity produced from 2025 onwards by household PDs equipped with smart measurement devices - with 50 kW or lower installed capacity – as is specified in D.3.1.

C.7.2 Electricity EECS GOs are issued automatically based on measurement data supervised by MEKH.

1. Household PDs to be aggregated into the following category:
 - a. Capacity (see below)
 - b. Production year (2010,2011, 2012, ...)
 - c. technology (Solar, wind, Hydro,)
 - d. Geographical area, represented by the name of the DSO. The addresses to be equal to the headquarter address of the specific DSO

2. Production devices (PD) below 50 kW are categorized into the following category, where their capacity, as indicated on the PD data sheet, is defined as the midpoint of the respective range:

- a. 0-5KW -> 5kW
- b. 5-15KW ->10kW
- c. 15-25kW -> 20kW
- d. 25-35kW -> 30kW
- e. 35-45kW -> 40kW
- f. 45 – 49.99 kW -> 45kW

C.7.3 3. The date on which the Production Device became operational will be uniformly the first of January of the relevant year (as opposed to the actual date). In a deviation from EECS Rules section C3.5.4, EECS GOs issued for Production Devices aggregated in accordance with section D3.1 shall contain:

- *as the date on which the Production Device became operational: the first of January of the relevant year (as opposed to the actual date);*
- *as the Capacity of the Production Device, one of the following: 5, 10, 20, 30, 40 or 49 kW, in accordance with the relevant capacity categories outlined in section D3.1 (as opposed to the actual Capacity of the relevant physical Production Device).*

C.7.4 Eligibility of electricity PDs for EECS GOs does not expire automatically after five (5) years. It expires as

- the effect of the licence, the eligibility issued to participate in a support scheme, or the qualification expires or repealed, or
- the PD does not meet the qualification criteria anymore.



Regular inspections, however, are carried out for PDs every five (5) years.
Regular annual audits are carried out for off grid producing PDs every year.

D REGISTRATION

D.1 Registration of an Account Holder

G2.2.1				
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D.1.1 **Any natural or legal person who is not a member of the AIB** or such member's affiliate or agent and who completes a contract for holding an account for Guarantees of Origin with MEKH (hereafter **Agreement**) can be an Account Holder.

The Agreement including the Standard Terms & Conditions for the usage of the AIB Hub is published on the MEKH website:

For electricity GOs:

<https://mekh.hu/vilamos-energia-szarmazasi-garancia>

For renewable gas GOs:

<https://mekh.hu/megujulo-gaz-szarmazasi-garancia>

D.1.1.1 The Electricity TSO, the universal service provider for electricity. The electricity traders of household devices and HUPX are obliged to have an account in order to fulfil their obligations related to auctioning EECS GOs that are related to electricity supported from the KÁT scheme.

D.1.2 The future Account Holder may initiate the completion of the Agreement by filling in and sending the application form via email. The Agreement and the application form are available on the MEKH website. If the Agreement has been completed, the document must be converted to pdf format, followed by a certified or qualified personal or business electronic signature. The electronically signed Agreement may be submitted to MEKH according to the requirements for electronic administration are laid down in Act CCXXII of 2015 on the General Rules for Trust Services and Electronic Transactions.

A foreign client may also send the Agreement to MEKH by using a certified or qualified personal or business electronic signature. A foreign client may also have a Hungarian representative for taking out the Agreement – in this case, the representative shall attach a power of attorney as well, beside those documents that are required by D.1.3.

To open an electricity GO Account:

According to the electricity GO Account **GTCs** (the electricity GO Account Agreement) a foreign client must attach the following documents:

- Articles of Association of the entity
- Certificate of Incorporation dated within 30 calendar days for the entity
- Signature specimen for authorized person countersigned by notary or lawyer

- Identification document of the authorized person to represent the company

These documents guarantee that the foreign client has the authority to sign.

Required for the conclusion of an agreement with a legal entity:

- For domestic legal entities: no documents need to be submitted, as the MEKH has access to the necessary documents;
- For foreign legal entities:

- articles of association or memorandum of association or deed of foundation,

- certified copy of the company register extract not older than 30 calendar days, or a court certificate not older than 30 calendar days confirming the existence of the organisation,

- proof of identity of the person authorised to represent the organisation or sign on its behalf.

D.1.3 Submission of supporting documents is required to complete the Agreement. The lists of necessary documents differ according to the three possible legal categories of the clients: natural person, sole proprietor, legal person.

D.1.3.1 Required for contracting with a natural person:

- in the case of a domestic natural person: an identity card and an official card proving the address, or an official passport, certifying a passport and an address, or an official driving license and an official card certifying the address.
- in the case of a foreign natural person: passport, identity card, provided that he or she is entitled to reside in Hungary or has a valid residence permit.

D.1.3.2. To open a gas GO Account:

The following supporting documents are required for opening a gas GO Account according to the gas GO Account **GTCs** (attached to the gas GO Account Agreement)

I. Required for the conclusion of an agreement with a natural person:

- For domestic natural persons:

identity card and official document proving address, or passport and official document proving address, or driving licence with photograph and official document proving address

- For foreign natural persons: passport, identity card, provided that it entitles the Account Holder to reside in Hungary, or a valid residence permit.

D.1.3.2 Relating to an electricity GO Account, required for contracting with a sole proprietor:

- identity document,
- a sole proprietorship certificate or a notary's certificate of registration of the sole proprietor,

- other necessary certificate for carrying out the activity (in particular for a lawyer or a notary),
- a document which contains the tax number, unless it is clear from another document.

D.1.3.3 Relating to an electricity GO Account, required for contracting with a legal entity and an entity without legal personality:

D.1.4 deed of foundation or statutes or deed of association, certified copy of a Company Statement which is not older than 30 calendar days or court certificate of existence of the organization which is not older than 30 calendar days,

- the identity document of the person who is represented and is authorized to sign.

Required for conclusion of an agreement with a legal entity:

- For domestic legal entities: no documents need to be submitted, as the MEKH has access to the necessary documents;
- For foreign legal entities:

- articles of association or memorandum of association or deed of foundation,
- certified copy of the company register extract not older than calendar 30 days, or a court certificate not older than calendar 30 days confirming the existence of the organisation,
- proof of identity of the person authorised to represent the organisation or sign on its behalf.

D.1.4.1 MEKH replies to the Account Holder or representative within 30 calendar days, and it records the data required by law. If the client or its representative sends the Agreement with incomplete, incorrect information or without attaching the necessary annexes, MEKH advises the Account Holder to supply the missing information. If the Agreement does not contain any defect or error, the Agreement shall also be signed by the representatives of MEKH. MEKH will send the signed contract electronically to the Account Holder. If a foreign client submitted the contract on paper – according to D.1.2. – MEKH will send one copy of the signed contract to the Account Holder. The Account Holder has to pay the yearly account fee to MEKH within 8 calendar days from the effective date of the Agreement. Concerning electricity GO Accounts, the Account Holder has to pay the yearly an account management fee of the chosen category to MEKH within 8 calendar days from the effective date of the Agreement. Concerning gas GO Accounts, the Account Holder shall attach to the form, the proof of the bank transfer of the yearly account management fee when sending it to MEKH. MEKH opens the account after receipt of the yearly fee to the account of MEKH (see Account Application/Amendment Form screenshots in Annex 3.).

D.1.5 The Agreement comes into effect on the date of receipt of the signed Agreement. The Agreement shall be valid for an unlimited period.

D.1.6 If any data given in the Agreement or on the Account changes, the Account Holder or representative must inform MEKH within 5 business days.

D.1.7 Tariffs for electricity GO Account transactions and Account management fees are published at the website of the MEKH:

<http://www.mekh.hu/szarmazasi-garancia>.

Tariffs for gas GO Account transactions and Account management fees are included in the GTCs (as Annex II) and are published at the website of the MEKH:

[https://www.mekh.hu/download/3/86/a1000/STC Gas GO account aggr_05052025.pdf](https://www.mekh.hu/download/3/86/a1000/STC_Gas_GO_account_aggr_05052025.pdf)

For renewable gas GOs there is a requirement - laid down in the Government Regulation nr 215/2024 on certifying the origin of renewable gases (hereafter Gas GO Regulation) - for a PD audit that provides the main information about the PD to MEKH (Articles 3-4 of the Gas GO Regulation). Upon the request – to which the production audit report has been attached - of the operator of the PD, MEKH gives its official decision on the compliance of the PD including the measurement device. Regarding both grid and off-grid renewable gas PDs, the operator of the PD sends the production data to MEKH on a monthly basis. This obligation is laid down in MEKH Decree nr. 1/2023 an obligation of providing data concerning electricity, natural gas and district heating (hereafter Data Decree).

D.1.7. The steps to open a gas GO account are the following (also described in the GTCs published on the website of MEKH):

The prospective Account Holder shall submit the relevant application form to MEKH via email according to the following:

The prospective Account Holder shall attach the Account Agreement, completed with the necessary data and bearing an electronic signature, as well as any other necessary attachments, with the application form. A sample Account Agreement is published on MEKH's website. The Account Agreement shall be signed by the person authorised to represent the Account Holder (in the case of joint representation, by the persons authorised to represent the Account Holder) with a qualified or certified electronic signature and a time stamp.

D.1.8. The power of attorney of the Account Holder must be sent as an attachment to the form for concluding the Account Agreement or recorded in the CSR (Client Settings Register). Information on the use of the CSR is available on MEKH's website.

For the conclusion of the Agreement, MEKH requires the submission of copies of the documents specified below, which must be attached to the relevant form in pdf format:

Required for the conclusion of an agreement with a natural person:

- for domestic natural persons: identity card and official document proving address, or passport and official document proving address, or driving licence with photograph and official document proving address
- for foreign natural persons: passport, identity card, provided that it entitles the holder to reside in Hungary, or a valid residence permit.

Required for conclusion of an agreement with a legal entity:

- for domestic legal entities: no documents need to be submitted, as MEKH has access to the necessary documents;
- for foreign legal entities:

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- - articles of association or memorandum of association or deed of foundation,
 - - certified copy of the company register extract not older than 30 calendar days, or a court certificate not older than 30 calendar days confirming the existence of the organisation,
 - - proof of identity of the person authorised to represent the organisation or sign on its behalf.

Along with the application form, the prospective Account Holder must also attach a bank document confirming payment of the account maintenance fee for the year in which the Agreement is concluded. The account maintenance fee – and other fees related to the system of Guarantees of Origin – are included in the List of Fees in Annex 2 to the GTC of the Account Agreement.

Should the MEKH, during the conclusion of the agreement, identify any reason that prevents it from concluding an agreement with the applicant, it shall send a notification to the applicant to that effect, stating the reasons, by email.

D.1.9. Provided that the Agreement does not contain any missing or incorrect information and MEKH considers that the Agreement may be concluded, the representative of the MEKH shall sign the Agreement electronically within 30 calendar days of receipt of the complete submission. MEKH shall send the signed Agreement to the Account Holder electronically.

D.1.10. The Account Agreement shall enter into force on the date of its signature by MEKH. The Account Agreement is in place between the Parties for an indefinite period. MEKH opens the Account in the Registry within a maximum of 15 (fifteen) calendar days from the date of entry into force of the Agreement. Information on the steps and IT requirements necessary to log in to the Account for the first time shall be published on MEKH's website. GREX sends an e-mail to the new Account Holder regarding the steps on how to access their account.

D.1.11. Upon conclusion of the Account Agreement, MEKH authorises the Account Holder to use the Registry in accordance with the GO gas Regulation, in particular to manage the rights attached to the Account and to initiate transactions related to Guarantees of Origin.

D.1.12. During the term of the Account Agreement, the Account Holder or its representative shall notify the MEKH in writing within five (5) business days of any changes in the data provided to MEKH. The Account Holder is responsible for any damage caused by failure to comply with this notification obligation. MEKH shall carry out the identification of the prospective Account Holder or his/her representative within 15 (fifteen) calendar days of receipt of the form. If the prospective Account Holder or his/her representative submits the Account Agreement to MEKH with incomplete or incorrect data, or without attaching the necessary annexes, MEKH shall set a period of eight calendar days for the prospective Account Holder to correct the mistakes.

D.2 Resignation of an Account Holder

D.2.1 Resignation of an Electricity GO Account Holder: The Account Holder must notify MEKH of its intent to close its account in written form. Resignation can be submitted by Hungarian clients electronically, according to requirements for electronic administration which are laid down in Act CCXXII of 2015 on the General Rules for Trust Services and Electronic Transactions. Foreign clients may submit the resignation by post. MEKH closes the account in the Registry within 40 calendar days from the date of receipt by MEKH.

Resignation of a Gas GO Account Holder: The Account Agreement may be terminated by the Account Holder with 30 calendar days' notice sent to MEKH by electronic means. The Account Agreement may be terminated by the Account Holder by completing and submitting the electronic form provided for the termination of the Account Agreement by the Account Holder or by his/her representative. The Account Holder shall provide information on the Guarantees of Origin remaining in the Account on the form. MEKH shall cancel the guarantees of origin remaining on the Account at the same time as the Account is closed and shall not be liable to the Account Holder for the value of the Guarantees of Origin.

Termination of the Account Agreement is conditional upon the Account Holder settling all debts owed to MEKH in connection with the Account Agreement and GTCs.

D.2.2 When closing an account, the Account Holder is responsible for paying any outstanding payments to MEKH. MEKH is not responsible for refunding any fees that have been already paid by the Account Holder, such as the yearly fee for EECS Account Holders.

D.2.3 Any GOs in the account must be transferred before the notice to close is sent or these GOs will go into the Residual Mix for Hungary when they expire.

D.3 Registration of a Production Device

This section demonstrates compliance with the following EECS Rules:

C2.1.1	C2.1.2	C2.2.4	D4.1.2	E3.3.10	E3.3.11	N6.2	O6.2
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D.3.1 For Electricity Production Devices:

Account Holders, which aim to register a Production Device, are referred to as Registrants. The PDs owners or duly authorised agents can apply for registration of PD in the Registry. To be registered, a PD must:

- be located in Hungary;
- D.3.2 qualified by law for production of renewable energy (household devices) have at least one decision issued by MEKH out of the following: [1] a licence to produce RES, NES or HEC electricity; or [2] a decision on eligibility to participate in a support scheme described in C.3.1-2.; or [3] a qualification.

Household devices (up to 50 kw) will be registered automatically by MEKH (receiving data from the relevant supplier).

Household devices receiving universal service will be registered automatically by MEKH (receiving data from DSOs) as follows: the household devices operated by a producer are aggregated as virtual plants under the account of the universal service provider.

The household devices operated by a producer not receiving universal service are registered without aggregation under the account of the traders. MEKH shall inform the relevant trader about the registration. The trader informs the producer about the registration within 30 calendar days of MEKH's notification, as specified in its business rules. BESS devices will be registered by MEKH after qualification including audit described in B.3.5.

Household devices receiving universal service will be aggregated as followed:

1. Household PDs to be aggregated into the following category:
 - a. Capacity (see below)
 - b. Production year (2010,2011, 2012, ...)
 - c. technology (Solar, wind, Hydro,)
 - d. Geographical area, represented by the name of the DSO. The addresses to be equal to the headquarter address of the specific DSO

2. Production devices (PD) below 50 kW are categorized into the following category, where their capacity, as indicated on the PD data sheet, is defined as the midpoint of the respective range:
 - a. 0-5KW -> 5kW
 - b. 5-15KW ->10kW
 - c. 15-25kW -> 20kW
 - d. 25-35kW -> 30kW
 - e. 35-45kW -> 40kW
 - f. 45 – 49.99 kW -> 45kW

3. The date on which the Production Device became operational will be uniformly the first of January of the relevant year (as opposed to the actual date)

D.3.3 According to Section 74 of the Electricity Act, construction or operation of PDs with installed capacity 0,5 MW or higher is enabled with a licence issued by MEKH. A license is effective until the lifetime of the equipment/machines. It can be extended, if an independent expert verifies that the equipment is still capable. A PD utilizing RES sources with an effective licence may be registered in the Registry based on the licence. A licence contains all data that is needed for a later registration in the Registry.

D.3.4 Participation in any support scheme presented in C.3. is also enabled with a decision issued by MEKH with no regard to installed capacity. During the procedure of issuing

a decision on support scheme eligibility, all data should be submitted to MEKH that is needed for a later registration. Such a decision on support is effective until a date calculated based on RoI. A PD with an effective decision on participation in any support scheme may be registered in the Registry based on its licence.

D.3.5 For those PDs that have no licence (with installed capacity under 0,5 MW) and do not participate in any support scheme, a qualification is required for registration. A qualification is also needed for HEC, off grid PDs and Storage System, regardless of any licence or support scheme participation.

D.3.5.1 According to the GO Decree, MEKH shall establish in a decision at the request of the PD and Storage systems owners or duly authorised agents, whether the PD and Storage system is suitable for the generation or storage of RES or HEC electricity.

D.3.5.2 The request for the qualification of the PDs may be submitted after the start of commercial operation.

D.3.5.3 The request for qualification for electricity PDs may be submitted via the form published at the website of the MEKH:

<http://www.mekh.hu/eromuegysegek-minositese>

In case of a request for a HEC qualification, additional calculations shall be made in order to prove primary energy savings. The calculation sheet is accessible on the website of MEKH:

http://www.mekh.hu/download/a/28/01000/nagy_hatasfoku_kapcsolt_energiatermeles_s_zamitasara_vonatkozo_segedlet_v3.xlsx.

It shall be filled out and attached to the application form.

The request for qualification for renewable gas PDs may be submitted via the form published at the website of the MEKH: https://magyarorszag.hu/szuf_ugyleiras?id=22926ded-525c-4bb3-8114-32b883140c0a

D.3.5.4 The documents below shall be attached to the application to register an electricity PD:

- single line electric wiring diagram from the generator to the connection point and a single line heat pattern, including the points of measurement of electricity fed into the public utility system, of the useful heat generated and put out and of the fuel input;
- validation certificates of consumption meters excluding the authenticated meters owned by suppliers;
- declaration that the consumption meter and the arrangement thereof is suitable to fulfil the conditions determined in section D.3.4.3., provided that the request is aimed at obtaining the qualification of high efficiency co-producer;
- declaration in which the producer agrees to keep authentic records of the consumption of the various types of fuels and making such data available to the MEKH for any PD unit enabling the use of different fuels;
- system connection contract for any PD of a total installed capacity below 0.5 MW;
- statement on whether or not the PD was established with investment aid and

- the specification of the aid system, the grantor of the aid, the amount, currency and the details of the disbursement of the aid, if the PD received investment aid.

If the request for PD certification refers to a PD that is not connected to the public grid or that is connected without feed-in power, as well as to the electricity produced by the PD connected to the public grid and used behind the connection point, in addition must be attached:

- audit from an energy auditor (pursuant to the Act on Energy Efficiency), registered as a certification organization by MEKH, independent of the applicant and holding a certified electrical engineering qualification, or an auditing organization employing such a person certifying after an on-site inspection that the measuring devices and their arrangement are suitable for fulfilling the conditions set out for issuing GO based on authenticated data.

During the procedure of issuing a decision on qualification, all data should be submitted to MEKH that is needed for a later registration.

D.3.5.5 HEC qualification may only be granted if all validated consumption metering equipment necessary for performing the calculations determined in the Decree on the calculation method to be applied to determine the volumes of RES or HEC electricity together with useful thermal energy and of useful heat have been installed. Documentation attached to the application shall prove that the meters are valid and that the meter readings are appropriate to determine all relevant volumes. Valid meter readings for a relevant reference period are also to be attached to the application.

D.3.5.6 A PD may only be granted the qualification of high-efficiency cogeneration, if its electricity production examined in the qualification process meets the energy savings requirements determined in the HEC Decree.

D.3.6 The Registrant may initiate the registration of a PD, if it fulfils the criteria set in D.3.1, – including that there is a decision (licence, support scheme eligibility, or qualification) in effect regarding that PD.

- D.3.6.1 The Registrant must warrant that the information provided to MEKH in connection with its application is complete and accurate and that the PD meets the qualification criteria for EECS GOs.
- D.3.6.2 In case the Account Holder wishes to register a PD owned by a third party in the Registry, they shall provide proof of their procedural and representative authorisation. Where the Account Holder is not the owner of the PD, in addition to initiating the registration in the Registry, the Account Holder shall submit to MEKH the power of attorney of the owner of the PD. The power of attorney shall be in the form of a notarial deed or a private document with full probative value. The power of attorney shall include its duration, that the PD owner agrees that the GOs for the electricity generated by the PD may be requested by the Account Holder and registered to the Account of the Account Holder, and that the PD details may be publicly displayed in the Registry and on the Registry Provider's website. These requisites and other rules are set in the Agreement.
- D.3.6.3 The Registrant must submit a registration form with the following data using the online registry (see PD registration form screenshots in Annex 4):
- PD: name, address, registrant, start date, commissioning date, installed capacity, earmark name and type, network operator (measurement body), operator, applied EECS schemes and all owners.
 - Codes of all possible Fuels, which can be converted into energy by that PD. According to fuel codes in AIB EECS Fact Sheet 5.
 - Technology code of the PD according to technology codes in AIB EECS Fact Sheet 5.
 - Determination of the account where GOs originating from that PD are to be issued.
- D.3.6.4 By registering a PD for the purpose of EECS, PD owners or authorized agents accept that MEKH publishes limited data of the PD:
- Name;
 - Domain;
 - GSRN number;
 - Fuel(s);
 - Technology;
 - Installed capacity;
 - Date of commissioning;
 - Location;
 - Name and address of operator;
 - Support schemes.

As the PD is registered in the 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 of origin. GSRN (Global Service Relational Number) coding is used.

D.3.6.5 MEKH validates the application internally. MEKH can verify data of the PD application including, but not limited to:

- Ownership;
- Metering;
- Date of commissioning;
- Date of qualification;
- Installed capacity;
- Location;
- Fuel(s) type;
- Technology type.

D.3.6.6 MEKH checks whether a PD is in receipt of (or has previously been received) a fixed rate support according to section C.6.1. This is checked by MEKH during the PD registration. In the case that the PD has exited a Support Scheme mid-year, suppliers can declare supported RES for Fuel Mix purposes up until the date they exited support and GOs can only be issued from the next month of the date the PD exited the Support Scheme.

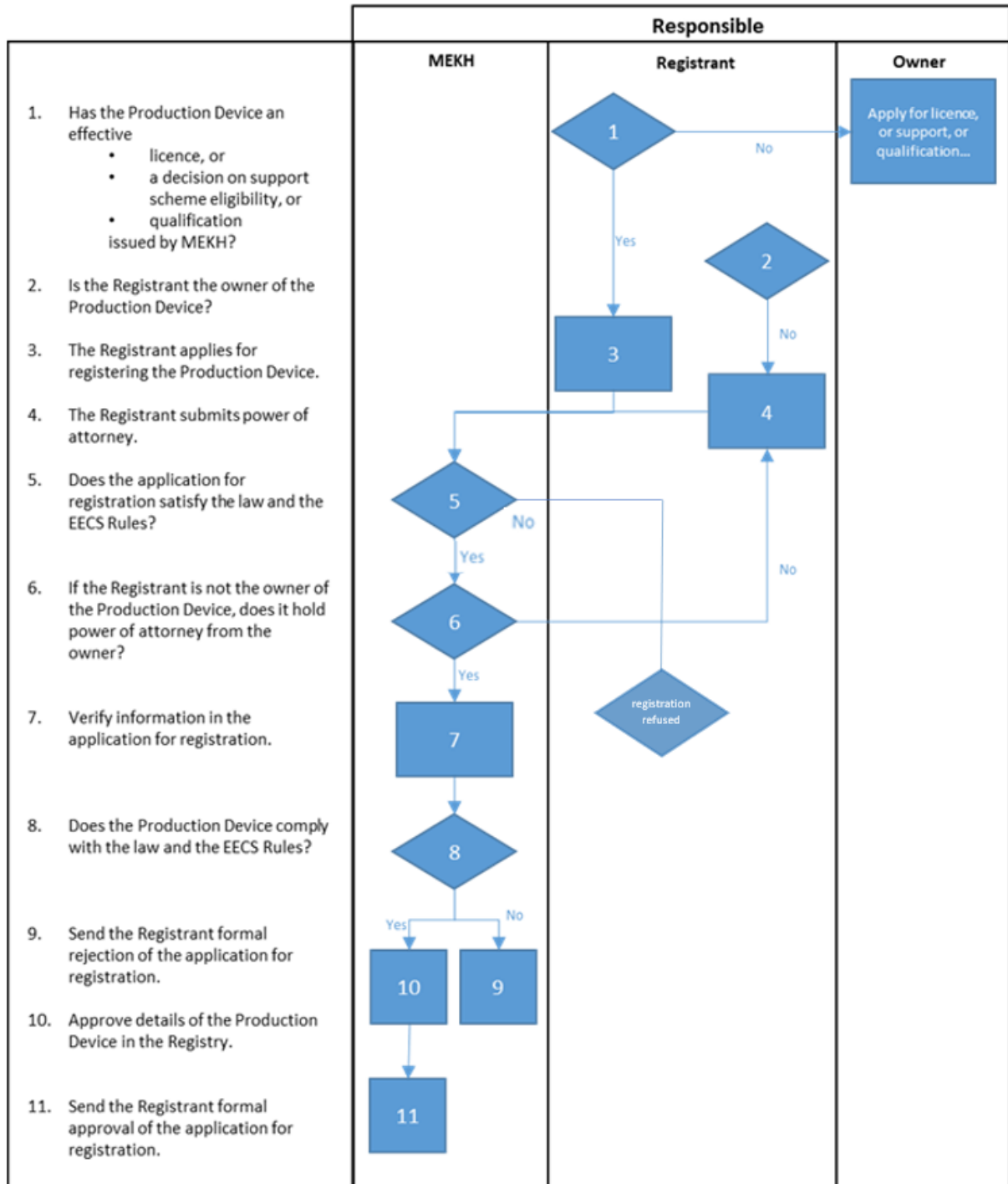
D.3.6.7 If the PD satisfies the Hungarian laws and the EECS Rules, and if the data of the PD provided by the Registrant correspond to the data that are set in the effective decision of MEKH on the PD (see D.3.1-4. on licence, support scheme eligibility or qualification decision), MEKH approves registration and activates the PD in the Registry. If MEKH detects a deficiency or non-conformity on the registration form in the PD data, MEKH will initiate a consultation with the Account Holder to clarify the data. In case the clarification does not provide a solution, MEKH will deny the registration of the PD.

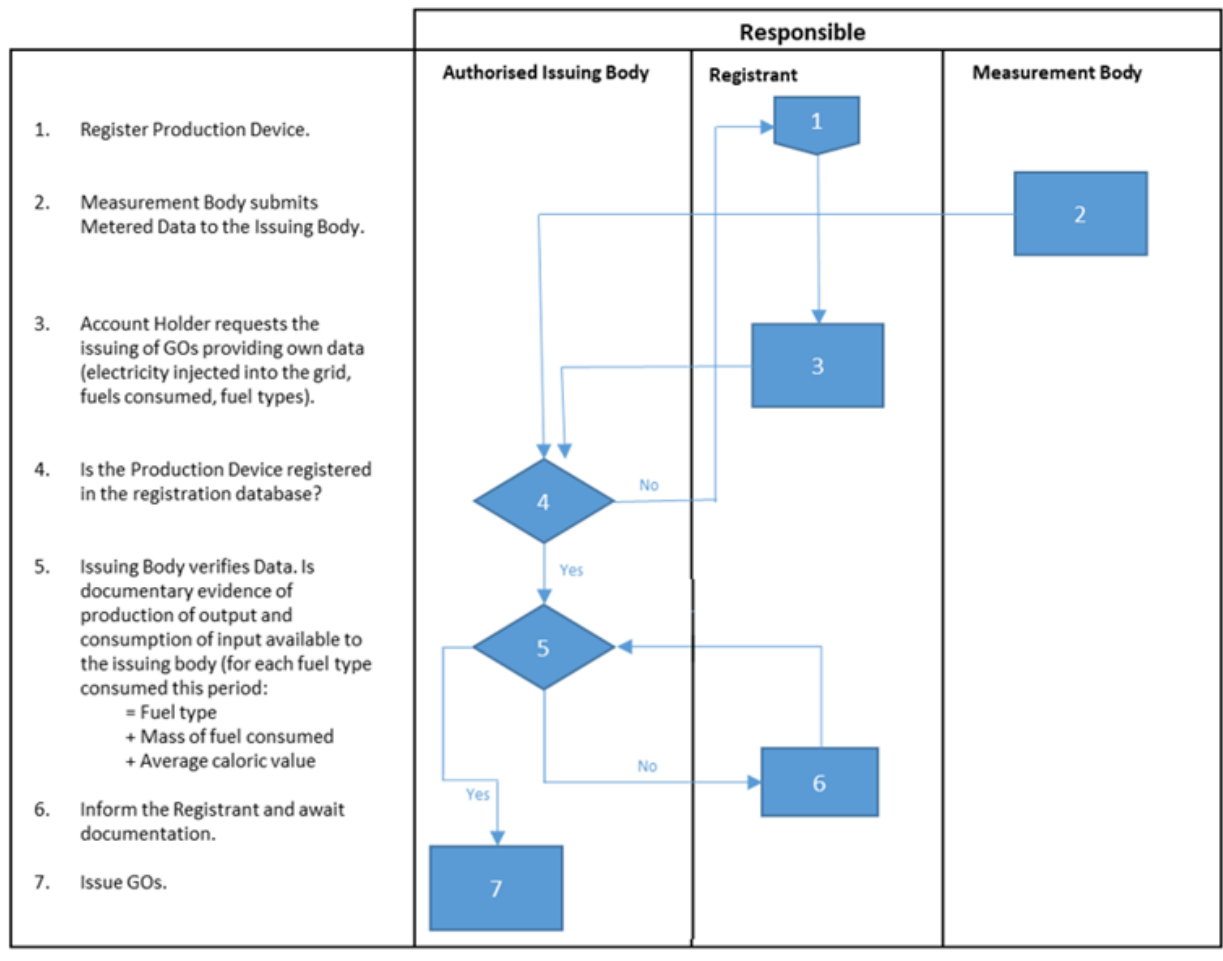
When the PD is activated, MEKH informs the registrant accordingly. The deadline of MEKH for the registration (set in the Agreement) is 30 calendar days.

D.3.7 A PD is eligible for EECS GOs that relate to the electricity that was fed into the grid after the date of issuance of

- the licence, or
- the decision of MEKH on eligibility to participate in a support scheme, or
- the qualification.

D.3.8 When re-registering a Gas PD, MEKH satisfies itself that the relevant records in the Registry adequately describe that PD. PD is checked again according to section D.3.1-5.





D.3.9. Gas GOs and PDs

D.3.9.1. Eligibility criteria for an EECS gas GO: an EECS GO, on the basis of objective, transparent and non-discriminatory criteria, certifies that a given quantity of gas produced by a given production unit qualifies as renewable gas. Gas GOs issued by MEKH should comply with the CEN/EN16325 standard. EECS GOs are issued for production, storage or conversion of renewable gas.

D. 3.9.2. Account identification

D.3.9.2.1. The prospective Account Holder shall initiate the conclusion of the Account Agreement with the MEKH on issuing gas GOs by submitting the relevant form (name of the form: Üzem minősítése iránti kérelem megújuló energia származási garanciával kapcsolatban) – available on MEKH’s website <https://www.mekh.hu/megujulo-gaz-szarmazasi-garancia> - to MEKH electronically. The prospective Account Holder shall attach the Account Agreement, completed with the necessary data and bearing an electronic signature, as well as any other necessary attachments, to the electronic form for concluding the Account Agreement. A sample Account Agreement together with the GTCs are published by MEKH on its website. The Account Agreement shall be signed by the person authorised to represent the Account Holder (in the case of joint representation, by the persons authorised to

represent the Account Holder) with a qualified or certified electronic signature and a time stamp. Authorisation for representation of the Account Holder must be sent as an attachment to the form for concluding the Account Agreement or recorded in the Client Settings Register (hereinafter: CSR). Information on the use of the CSR is available on MEKH's website.

D.3.9.2.2. For the conclusion of the Agreement, the MEKH requires the submission of copies of the documents specified below, which must be attached to the relevant form in pdf format:

Required for the conclusion of an agreement with a natural person:

- for domestic natural persons: identity card and official document proving address, or passport and official document proving address, or driving licence with photograph and official document proving address
- for foreign natural persons: passport, identity card, provided that it entitles the holder to reside in Hungary, or a valid residence permit.

Required for conclusion of an agreement with a non-natural person:

- for domestic legal entities: no documents need to be submitted, as the Authority has access to the necessary documents;
- for foreign legal entities:
 - articles of association or memorandum of association or deed of foundation,
 - certified copy of the company register extract not older than 30 calendar days, or a court certificate not older than 30 calendar days confirming the existence of the organisation,
 - proof of identity of the person authorised to represent the organisation or sign on its behalf.

Along with the form for concluding the Account Agreement, the prospective Account Holder must also attach a bank document confirming payment of the account fee for the year in which the Agreement is concluded. The account fee – and other fees related to the system of GOs – are included in the List of Fees in Annex 2 to the GTCs on gas GOs. MEKH shall carry out the identification of the prospective Account Holder or his/her representative within 15 (fifteen) calendar days of receipt of the filled in form by MEKH.

If the prospective Account Holder or his/her representative submits the Account Agreement to MEKH with incomplete or incorrect data, or without attaching the necessary annexes, MEKH shall set a period of 8 calendar days for the prospective Account Holder to correct the errors and submit the missing documents.

D.3.9.2.3. Should MEKH, during the conclusion of the agreement, identify any reason (including the case specified in the previous point) that prevents it from concluding an agreement with the applicant, it shall send a notification to that effect, stating the reasons, to the applicant by electronic means.

Provided that the Agreement does not contain any missing or incorrect information and MEKH considers that the Agreement may be concluded, the representative of MEKH shall sign the Agreement electronically within 30 calendar days of receipt of the complete submission. MEKH shall send the signed Agreement to the Account Holder electronically.

The Account Agreement shall enter into force on the date of its signature by the MEKH.

D.3.9.2.4. The Account Agreement is concluded between the parties for an indefinite period. MEKH undertakes to open the account in the registry within a maximum of 15 (fifteen) calendar days from the date of entry into force of the agreement. Information on the steps and requirements necessary to log in to the account for the first time shall be published on MEKH's website.

Upon conclusion of the Account Agreement, MEKH authorises the Account Holder to use the Registry in accordance with the Gas GO Regulation, in particular to manage the rights attached to the Account and to initiate transactions related to guarantees of origin. During the term of the Account Agreement, the Account Holder or its representative shall notify MEKH in writing within five (5) business days of any changes in the data provided to MEKH. The Account Holder is responsible for any damage caused by failure to comply with this notification obligation.

D.3.9.3 Metering data provision

For PDs located in Hungary, the Account Holder shall initiate the certification process electronically by completing the relevant form (name of the form: Üzem minősítése iránti kérelemmegújuló gáz származási garancia kapcsán) on the website of MEKH (https://magyarorszag.hu/szuf_ugyleiras?id=22926ded-525c-4bb3-8114-32b883140c0a), provided that the Account Holder is also a producer. Upon certification, MEKH shall issue a decision stating whether the producer's PD is suitable for the production, storage or conversion of renewable gas. Information on the audit related to the certification and on the additional requirements to be met in order to comply with the CEN/EN16325 standard on guarantees of origin and the international system of GOs is available on MEKH's website.

The certified PD can be registered:

- a) to the Account Holder's own Account, if the producer is also the Account Holder, or
- b) to the Account of another Account Holder designated by the producer.

The producer may request, by sending the relevant form electronically, that MEKH:

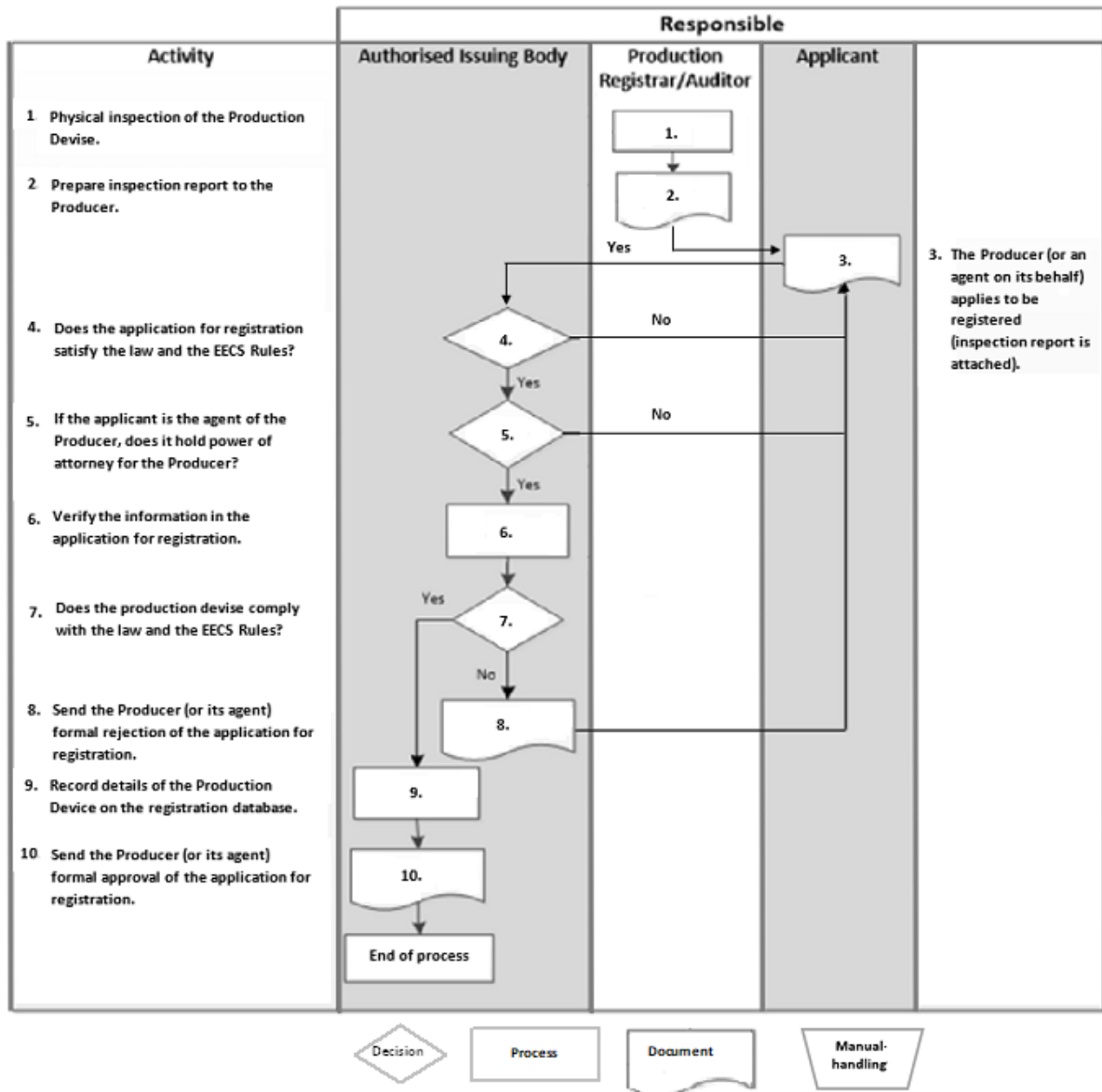
- a) terminate the registration of a PD with a valid certification;
- b) re-register a PD with a valid certification but terminated registration;
- c) assign a PD with a valid certification and already registered to another account.

3.9.4. Verification process and the role of production registrar

MEKH is entitled to authorize a PD that does not feed renewable gas into the grid or does so only partially.

Applications for authorization of PDs shall be submitted electronically by filling in the form published on MEKH's website. The producer shall attach the following *documents* to the application:

- a) the structure and detailed description of the PD's operation, its operating diagram and flow chart, indicating the auxiliary equipment, pump and compressor stations, renewable gas storage facilities, and measuring points,
- b) certificates of conformity for the measuring equipment,
- c) the type of energy sources that can be used by the PD,
- d) a statement in which the producer undertakes to keep accurate records of the use of energy sources by type and to make this data available to MEKH;
- e) an independent conformity assessment body that separately complies with the requirements stated in the Gas GO Government Regulation, with the exception of renewable gas storage facilities with a natural gas storage license, and its expert (hereinafter collectively referred to as the auditor), following an on-site inspection, a report published on the Office's website confirming that the PD, the design of the production, conversion or storage processes, and the measuring equipment and its layout are suitable for determining the net quantity of renewable gas produced, converted or stored and the characteristics to be indicated in the guarantee of origin,
- g) in the case of renewable gas not fed into the grid, the name of the organization responsible for measuring the renewable gas,
- h) in the case of renewable gas not fed into the grid, the producer's statement on own use or the buyer's confirmation of sale,
- i) a statement on whether investment or other state aid was used to establish the PD, and if investment or other state aid was used to establish the PD, the statement shall include
 - ia) the name of the aid scheme,
 - ib) the provider of the aid,
 - ic) the amount and currency of the aid used, and
 - id) the details of the disbursement of the aid,
- j) a statement by the producer that
 - ja) he wishes to register the guarantees of origin on a specific trading account, or
 - jb) he has requested MEKH to open a GO account to be used for the registration, and
- k) other documents for compliance with the CEN/EN16325 standard on guarantees of origin and the EECS Rules, as described by MEKH in its website.



D.4 De-Registration of a Production Device

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- D.4.1 For Electricity PDs the Registrant or the owner of a PD may request the deregistration of the PD. Such a request must be submitted to MEKH in written form. MEKH will deregister the PD in 15 calendar days from the date of receipt by MEKH.

For Gas PDs the producer may request MEKH by sending the relevant form (that can be found on the website of MEKH) electronically to terminate the registration of a PD with a valid authorization.

After deregistration no EECS GOs will be issued for the output of the PD. MEKH abrogate the registration of household PDs based on the relevant data provided by the DSO.

D.5 Maintenance of PD Registration Data

This section demonstrates compliance with the following EECS Rules:

C2.2.1	C2.2.2	C2.2.3	C2.2.5	D5.1.2
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D.5.1 The registration of a Production Device expires after five years. The Registrant must re-apply for registration for the Production Device before expiry.

The expiry date of any licence or support scheme eligibility is set in the licence or MEKH decision. The qualification of a PD expires after five years. Re-qualification and re-registration of a PD is made by re-submitting applications as described in section D.4.

D.5.2 For Electricity PDs: According to relevant legislation and according the MEKH decisions, in case of any relevant change, the licensee (above 0,5 MW), the operator of a qualified PD and also the operator of a PD that benefits from a support scheme, should inform MEKH as soon as possible. If any data that is included in the licence changes, an application for amendment of the licence should be submitted. If a capacity increase exceeds a licencing limit, an application for the relevant licence should be submitted to MEKH. The decision on support scheme eligibility and the qualification decision shall not be amended by all means, but the operator shall submit relevant data and MEKH has the power to withdraw qualification, if it is reasonable.

If such information or application is submitted to MEKH, MEKH also checks if the PD has a registration in the Registry.

According to the Agreement, the Registrant of a PD must notify MEKH of any planned changes due to come into effect that will result, or unplanned changes that have resulted, in:

- the information recorded in the Registry in relation to the PD becoming inaccurate; or
- the qualification criteria for registration ceasing to be satisfied with respect to that PD.

For Gas PDs: The authorization of a PD shall be valid for five years from the date on which the MEKH's decision becomes final or until it is revoked. Revoking the authorization of the PD could happen if:

- The producer requests it or
- The yearly audit was not provided or failed to fulfil the relevant requirements,
- The audit that should be held in every 5 years was not concluded or failed to fulfil the relevant requirements.

Revocation is initiated through an official decision by MEKH. Revocation can happen either by the request of the producer or by MEKH. [The exact deadlines for these procedures are stated in the](#)

[Hungarian Administrative Procedure Act: Act CL of 2016 on Administrative Procedure and in the Act on MEKH: Act XXII of 2013.](#)

D.5.2.1 The deadline for notification concerning Electricity PDs:

D.5.3 no less than 30 calendar days prior to any planned change and

D.5.4 in no more than 5 calendar days after becoming aware of any change which may not be planned in advance to the MEKH.

The deadline for notification concerning Gas PDs:

- a) in the case of a planned change, the producer shall apply for re-authorization or revocation of the authorization of the PD at least 30 calendar days prior to the change, or
- b) in the case of an unforeseeable change, notify MEKH within 5 calendar days of the producer becoming aware of the change and apply for re-authorization or revocation of the authorization within 30 calendar days of the notification.

D.5.4.1 For Electricity PDs: On receipt of a change of details notification (following an inspection or otherwise), MEKH will evaluate the impact of the changes on the qualifying criteria and make a decision about the changes.

For Gas PDs: MEKH shall revoke the authorization of a PD by an official decision if MEKH becomes aware of information indicating that the conditions for authorization are not met.

MEKH shall amend the PD authorization by its own official decision if this becomes necessary in order to comply with the CEN/EN16325 standard on GOs or the EECS Rules.

D.5.5 Concerning both electricity and gas GOs in case of capacity increase the existing PD is updated in the adequate Registry.

D.5.6 Concerning both electricity and renewable gas PDs in the event of becoming aware of any information indicating that the requirements for the registration are not fulfilled, the MEKH shall withdraw its qualification decision and the Registry record for that PD will be updated to show that the PD no longer qualifies for GOs 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 reasonably practicable after becoming so aware

MEKH reviews the data of registered household PDs at least monthly based on the data provided by DSOs.

Concerning renewable gas PDs:

- a) the producer shall apply for re-authorization of the given PD or for the withdrawal of the authorization at least 30 calendar days prior to the change, if there is a planned change in the data relating to the certification, or
- b) in the case of unforeseeable changes, the producer shall notify MEKH within five calendar days of becoming aware of the change and apply for the re-authorization or withdrawal of the authorization within 30 calendar days of the notification.

MEKH shall withdraw the certification in an official decision containing explanation if it becomes aware of information indicating that the conditions for certification are no longer met.

MEKH shall amend the certification by decision if this becomes necessary in order to comply with the CEN/EN 16325 standard on guarantees of origin or with the international system of guarantees of origin.

D.6 Audit of Registered Production Devices

This section demonstrates compliance with the following EECS Rules:

E3.3.7	E3.3.8	D5.1.2	
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D.6.1 Concerning electricity PDs, the period between inspections of a Production Device will not exceed 5 years.

Concerning renewable gas PDs, the audit for authorization of the PD should be done every 5 years, and the audit for production should be done every year.

D.6.2 Refusal to permit access to a Production Device may be considered a breach of the Standard Terms and Conditions. The producer of the PD shall cooperate with MEKH during the authorization process of the PD as well as in any related inspections, including those without prior notice.

D.6.3 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.

D.6.4 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.6.5 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.6.6 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.6.7 As the Hungarian National Regulatory Authority for energy, MEKH conducts regular inspections on Production Devices in order to check the operation of licensees and other electricity generators and the proper functioning of the electricity system and

support schemes. Besides this, inspections also serve the purpose to check whether or not the information in relation to the provision of EECS is accurate. The inspection aims to ensure that the Registrant is complying with relevant obligations and with Product Rules and meets PD qualification criteria. Additionally, MEKH checks the measuring device: assess if it is properly positioned to correctly measure the quantity produced and the accuracy of measurement devices is acceptable in accordance with the existing regulatory framework. The formula for calculating the amount of GOs that might be issued upon electricity production is also reviewed during an inspection.

D.6.7.1. Concerning electricity PDs producing off-grid and Storage System not connected to the grid need an additional audit to get their qualification. The audit shall describe the closed and authentic measurement and transfer of data sent to MEKH. The audit will be approved by a MEKH decision. After the first audit, the GO Decree obliges producers for an annual data audit and annual supervision procedure for MEKH.

D.6.7.2. Concerning gas PDs:

All gas PDs need a production audit (before registration and for reregistration after five years. An authorization decision is issued:

MEKH at the request of the producer, determines in a decision whether the producer's PD is suitable for the production, storage or conversion of renewable gas. If MEKH finds that the PD is suitable for the production, storage or conversion of renewable gas, it shall specify in its certification decision the details of the PD and the method of calculating the energy content of the net renewable gas production for which a guarantee of origin can be issued.

The independent conformity assessment body that can deliver an audit shall conclude a cooperation agreement with MEKH prior to the audit. MEKH shall publish on its website a list of auditors who meet the conditions concerned.

Eligibility of a renewable gas PD for EECS GOs is valid for five years. Producers shall be obliged to report any changes affecting the qualification to MEKH. At least once a year the producer shall arrange for the audit of its PD, as well as the quantity and properties of the renewable gas produced, converted, or stored at the PD during the period that has elapsed since the date of the last such audit, by an independent auditor that fulfils the conditions **provided on the website of MEKH**. The first such audit shall be performed within 12 months of the qualification of the PD becoming **final**. The producer shall submit the results of the audit to MEKH - in accordance with the information provided on the website of MEKH within 12 months of the submission of the previous audit or within 15 months from the qualification of the PD becoming final, in the case of the first audit.

MEKH shall conduct inspection on:

- A) data on the production, conversion and storage of renewable gases,
- B) the transfer and use of GOs, and
- C) on the GO account.

- D.6.8 The period between inspections of a both electricity and gas PD will not exceed 5 years. The inspection may be onsite audit or on the basis of data and documents. Relating to gas PDs the 5 yearly inspections should be done on site.
- D.6.8.1 Concerning electricity PDs, scheduled inspections are carried out in accordance with the annual inspection plan of MEKH. Scheduled inspections include PDs with an installed capacity 0,5 MW or more.
- D.6.8.2 Relating to gas PDs an operational audit should be done each year. This operational audit is based on data and documents. With the exception of PDs with a natural gas storage licence, the producer shall have an audit carried out at least once a year by an auditor in accordance with the conditions set out in the information published on MEKH's website, covering the quantity and properties of renewable gas produced, converted or stored by the PD during the period since the previous audit, and the fulfilment of the obligation of the gas GO Regulation. The first inspection shall be carried out within 12 months of the date on which the PD's certification becomes final. The producer shall send the results of the test to MEKH within 12 months of the date of notification of the results of the previous test, and for the first time within 15 months of the date on which the certification of the PD becomes final, in accordance with the information published on MEKH's website.
- D.6.8.3 Both for electricity and gas DPs unscheduled inspections are carried out to investigate complaints, accidents or disturbances, accidents related to PD, as well as if the declarations of conformity of operation of the energy facility indicate technical safety, risks, hazards to individuals, society and the environment.
- D.6.9 Both for electricity and gas PDs if a PD fails to pass the requirements of the audit or the registration information has changed significantly, no EECS GOs will be issued before corrective actions have been performed. If an inspection identifies material differences from the details recorded in the Registry, MEKH reserves the right to request the Account Holder to re-apply for registration.
- D.6.10 For both electricity and gas PDs if an inspection identifies material differences from the details recorded on Registry, the issuing of certificates is suspended until the discrepancies with registered data and regulative framework are overcome. For gas PDs MEKH shall impose a fine on the producer if they provide incorrect information to MEKH for reasons attributable to them. The amount of the fine shall range from ten thousand to five million forints.
- D.6.11 MEKH can check at any time a registered electricity or gas PD to determine whether the electricity or gas is generated from a renewable energy source and whether the measurement of the produced electricity or gas and EECS Domain Protocol other measures necessary for the production from renewable energy sources as mentioned in the application file, corresponds with reality.
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D.6.12 Refusal to permit access may be considered a breach of the Standard Terms and Conditions and can result in fines according to the Electricity Act and the Natural Gas Act, respectively.

D.7 Registration Error/Exception Handling

This section demonstrates compliance with the following EECS Rules:

C2.2.2	E4.2.7		
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D.7.1 Any errors in EECS Certificates resulting from an error in the registered data of a PD will be handled in accordance with section E.9.

D.7.2 Where MEKH becomes aware that a PD no longer fulfils, or will no longer fulfil the registration criteria, the Registry record will be updated to reflect that it is no longer eligible to receive GOs.

D.7.3 If the electricity GO Account Holder or producer submits on application to delete the registration, MEKH deletes the registration in 15 calendar days.

Concerning gas GOs: MEKH issues one decision that consists of the authorization of the PD and its registration to an Account Holder. The renewable gas producer may request, by sending the relevant form electronically, that MEKH:

- a) terminate the registration of a PD with a valid authorization;
- b) re-register a PD with a valid authorization decision but terminated registration;
- c) assign a PD holding a valid authorization to another account.

In the event of withdrawal or expiry of the authorization of the PD, MEKH shall terminate the registration of the PD ex officio.

Concerning renewable gas PDs: MEKH delivers its decision based on the rules of the Public Administration Act.

E CERTIFICATE SYSTEMS ADMINISTRATION

E.1 Issuing EECS Certificates

This section demonstrates compliance with the following EECS Rules:

A2.1.1	A2.1.2	C3.1.1	C3.2.1	C3.3.1
C3.4.2	C3.4.4	E3.3.10	N3.1.1	O3.1.1

It must describe the preconditions for EECS issuing:

- *1 EECS certificate represents 1MWh if relevant whether in low calorific value or high calorific value*

E.1.1 Both electricity and renewable gas GOs can only be issued for PDs qualified and registered in the Registry. When GO issuance occurs, the Registry system creates a

transaction number on the Account Holder's account, which details the operation data (e.g. operation type, GO quantity, etc.).

- E.1.2 Concerning electricity GOs an EECS GO shall be issued per unit of 1 megawatt hour of electricity produced from renewable energy sources (RES GO), nuclear energy sources (NES) or high efficient cogeneration (HEC GO) and supplied (injected) to the electricity grid, used off-grid or stored. No EECS GO shall be issued for electricity consumed for a producer's own needs as auxiliary electricity.
- E.1.3 The face value of one (1) GO is one (1) MWh. Gas GOs shall be issued for a quantity of 1 megawatt hour (MWh based on GCV at a reference temperature of 25/0 °C). For gas GOs the energy content is calculated based on the higher calorific value of the gas.
- E.1.4 No more than one EECS GO shall be issued per unit of electricity produced from renewable or nuclear energy sources, i. e. each energy unit shall be considered only once. No other certificate for the same purpose is in existence in Hungary.

GOs can be issued only

- if the Production Device has a decision set in D.3.1. that is effective in the production period, and
- if the measurement criteria set in E.5. are fulfilled.

When a Production Device is out of service, no GOs can be issued for any electricity injected into the electricity grid by this Production Device.

Concerning renewable gas EECS GOs, an EECS GO can be issued to the Account Holder's account in accordance with the provisions of the account agreement and the GTCs for the renewable gas produced or released during the given period, provided that all of the following conditions are met:

- a) PD authorization decision has been made and is effective for the entire period of production, conversion or storage of the renewable gas requested,
- b) the producer has sent MEKH the data specified in its authorization decision and GO account agreement on the renewable gas produced, converted, stored or released at the PD, and the data on the energy sources used for this purpose, and this data do not contradict the measurement data sent by the competent System Operator or the data on the energy sources used; data metered, verified and transferred to MEKH by the TSO and by the producer, as well.
- c) in the case of renewable gas fed into the grid, the competent System Operator has sent MEKH the data on the renewable gas produced, converted or stored at the PD and then fed into the grid, and the data on the quantity of gas taken from the grid by the PD,
- d) no other GO has been issued for the energy corresponding to the renewable gas in question or, in the case of conversion or storage, the GO issued previously has been cancelled, and
- e) the PD has been registered to the Account Holder's GO account.

The ownership of the GO registered in the account shall belong to the Account Holder. The owner of a PD can be an Account Holder however in the authorization decision – by the request of the owner of the PD – the GOs can be issued to another Account Holder.

E.2 Eligible energy for EECS Certificates

This section demonstrates compliance with the following EECS Rules:

N6.4	O6.4		
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E.2.1 For electricity GOs: A Producer is not entitled to the EECS GO issued for the electricity produced from renewable energy sources supplied to the electricity grid or used off grid if they receive KÁT fixed rate support according to section C.7.1.

MEKH can only issue electricity GOs for the Account Holder, once the PD registration has been completed, during which a specific Production Device (PD) is officially linked to the account holder.

Following this, MEKH will issue the GO to the Account Holder's account within 30 days after receiving the relevant metering data.

The Account Holder has access to the details of the GOs in the registry (G-REX).

The face value of one (1) GO is one (1) MWh.

E.2.2. For gas GOs:

In the case of the sale of renewable gas for which a PoS has been issued the Account Holder shall

- a) transfer the GO to the buyer of the renewable gas, or
- b) manage it in accordance with the regulations relating to the UDB.

If a PD produces electricity from renewable gas that is subject to KÁT or premium-type support under the Electricity Act, the KÁT or premium-type support must also be indicated on any GO registered for that renewable gas.

E.2.2.1. Energy produced from renewable gas shall not be transferred as energy produced from renewable energy sources if the GO has been separated and sold to another party.

Renewable gas GOs may be issued for the energy content of nett renewable gas production, with the exception specified in the next paragraph. MEKH shall specify the methodology for determining the energy content of net renewable gas production for the installation and the data required for this purpose in the authorization decision.

A gas GO may only be issued for the amount of energy corresponding to auxiliary consumption and storage losses associated with the production, conversion or storage of renewable gas if it is automatically used for these purposes after registration.

In the case of production from multiple energy sources, the amount of renewable gas to be taken into account when registering the GO shall be calculated proportionally, broken down according to the composition of the energy sources used. The calculation shall be carried out by the producer and supported by authentic and valid documents.

Producers and Account Holders shall provide MEKH with all gas data necessary for MEKH to issue GOs in a credible and reliable manner in accordance with GET and the Regulation on renewable gas GOs. To this end, and in order to ensure the authentic and reliable issuance of GOs, producers and Account Holders shall cooperate with MEKH.

Gas GOs should also include:

- a) the method of conversion of the renewable gas,
- b) a notice whether the quantity of renewable gas has a PoS
- c) a notice whether the GO was issued after conversion or withdrawal from the renewable gas storage facility,
- d) the chemical composition of the renewable gas,
- e) a notice whether the amount of auxiliary consumption covered by non-renewable energy sources has been deducted from the net amount of renewable gas production,
- f) a notice whether the GO was issued on the basis of the lower or upper calorific value of the renewable gas.

E.2.2.2. The procedure of issuance of gas GOs is the following: on the basis of the information provided by the producer in the request for authorization decision and, in the case of gas fed into the natural gas network, on the basis of the monthly data reported by the producer of the PD and the competent system operator, MEKH shall enter the GOs in the account designated by the producer.

In the case of gas fed into the natural gas network, the MEKH shall verify, in accordance with the provisions of the Gas GO Regulation that the producer's monthly data report does not contain any discrepancies with the measurement data sent by the competent system operator. The data reported by the producer to MEKH in accordance with the Gas GO Regulation may only contain data relating to the month in question (production period).

Data reporting deadline for producers is the 20th day following the month in question. If this deadline is not met, no GOs may be issued for the month in question. Gas GOs produced/stored/converted by the PD may be issued for the production period following the first day of the month following the notification of the PD's certification decision, provided that the conditions set out in the Gas GO Regulation are met.

The issuance of the GOs shall be made for production periods corresponding to calendar months. MEKH shall register the GOS by the end of the second month following the month in question (production period) and shall credit the issued GOs to the account of the Account Holder belonging to the PD on the basis of the PD's registration, provided that MEKH has examined the content of the data provided and found it to be accurate. Following the termination of the registration of the establishment, MEKH shall not issue GOs for that PD.

E.2.3. Both electricity and gas GO Certificate templates are in Annex 5.

E.3 Processes

- E.3.1 The Account Holder of a Transferables Account should be treated (as between the Account Holder and that Member) as the owner of the EECS Certificates
- E.3.2 The Member shall ensure that its manual and automated information systems for the Issue, holding and transfer of EECS Certificates are able to support audit of all transactions with respect to EECS Certificates
- E.3.3 The Member shall use in connection with its EECS Scheme the EECS Registration Database and Transfer Links approved for the purposes of its EECS Scheme.
- E.3.4 The Account Holder has an account set up with Production Devices listed under the account.
- E.3.5 The Measurement Bodies submit metered data to MEKH from household PDs, off-grid or PDs connected directly to the grid 60 days after the production month,
- E.3.6 The Account Holder automatically receives from MEKH the GOs, within 30 calendar days of receipt of the metered data.
- E.3.7 .

~~If concern arises about the accuracy of the measurement data or any other data in the request, MEKH advises the measurement body and/or the Account Holder in a ruling in order to clear up the data.~~

The Face Value of a GO is 1 (one) MWh. Qualifying Output produced by a Production Device which is less than the Face Value may be carried over until the Qualifying Output is sufficient to issue a GO.

E.3.8 In case of a request for HEC GO, the request shall contain the lower (net) calorific value of the source of fuel used for electricity generation to two decimals' precision;

- the volume and use of the heat cogenerated with electricity;
- the amount of primary energy savings calculated as provided in the Decree on the calculation method to be applied to determine the volumes of electricity produced by high-efficiency cogeneration together with useful thermal energy and of useful heat (see the same calculation sheet that is referred in D.3.4.3.).

All the volumes shall be proved with valid metering documentation. After receiving all the necessary meter readings (electricity and energy sources as well) MEKH verifies if the primary energy saving is enough to fulfil the criteria for issuing HEC GOs, according to the following formula:

$$PES = \left(1 - \frac{1}{\frac{CHP H\eta}{Ref H\eta} + \frac{CHP E\eta}{Ref E\eta}} \right) \times 100\%$$

Where

- PES is the primary energy savings
- E.3.9 HEC H_{η} is the heat production efficiency of cogeneration
- Ref H_{η} is the efficiency reference value for separate heat production
- E.3.10 HEC E_{η} is the efficiency of electricity production from cogeneration
- Ref E_{η} is the efficiency reference value for separate electricity production.
- E.3.11 Issued EECS GOs are deposited into the Account(s) nominated by the Registrant of the Production Device.
- E.3.12 MEKH informs Account Holder about the Issue of the Certificates via sending the official instrument. An Account Holder is treated as the owner of the EECS GOs that are in its account.
- E.3.13 MEKH issues EECS GOs automatically for production with fixed rate support KÁT described at C.3.1. to the Account of the Hungarian TSO MAVIR from 2022. These GOs are sold by MAVIR through auction on the organized electricity market according to Article 19(2b) of RED18. The auctions started from June 2022. The income from the auction covers the costs of the KÁT scheme.
- E.3.14 MEKH issues EECS GOs automatically for the RES production of households to the account of the Hungarian TSO, MAVIR. These GOs are sold by MAVIR through auction in the organized electricity market according to Article 19(2b) of REDII. The auctions started from June 2022. The income from the auction covers the costs of the KÁT scheme.

MEKH issues EECS GOs automatically for the household PDs operated by a producer receiving universal service to the Account of the universal service provider. These GOs are sold by the universal service provider. The rules for its sale are set out in a government decree (GO Decree). The universal service provider takes into account the income from the sale of the GO and its expenses for the sale when calculating the compensation under the government decree on the utility protection service, which ensures the provision of the universal electricity and natural gas service under unchanged conditions during the state of emergency.

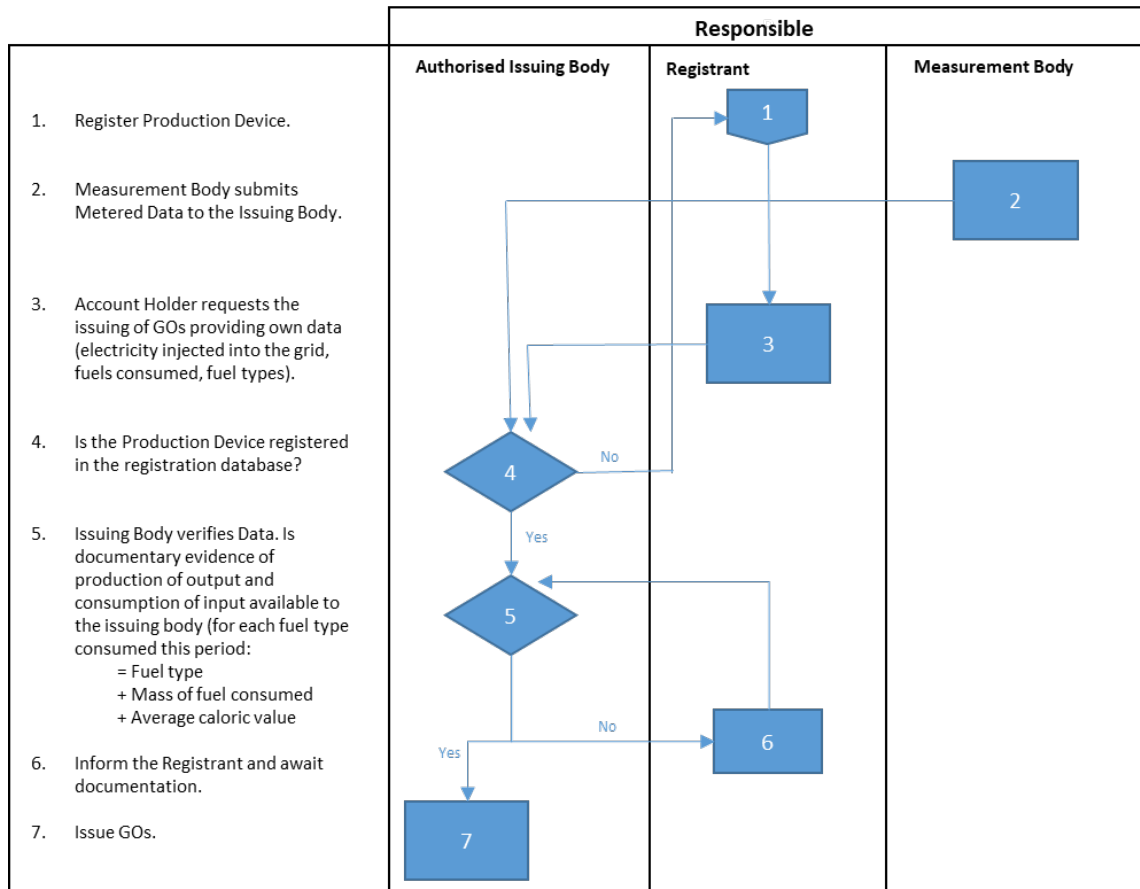
MEKH issues EECS GOs automatically for the household PDs operated by a producer not receiving universal service to the Account of the Account Holder. These producers may request in a written application addressed to MEKH, that MEKH register the GO for themselves or a third party or avoid issuing GOs.

- E.3.15 The electricity trader shall, in accordance with its business rules as approved by MEKH, pay to the operator of a household PD the consideration for the GO, reflecting its market price. The certificate data specified by the EECS Rules shall not change in any way once an EECS Certificate has been properly issued, except to indicate that it has expired, cancelled, or withdrawn.
- E.3.16 RES and NESGOs ([Nuclear Energy Source Guarantees of Origin](#)) shall contain the following data:
- the source of energy used to generate electricity and the dates on which generation commenced and ended;

- information on whether the guarantee of origin applies to electricity or heating and/or thermal energy;
- the name, location, type and installed capacity of the facility generating the energy;
- information on whether or not the facility received any investment aid;
- information on whether or not the energy unit received any aid from any national support scheme in any other form and from which support scheme;
- the date of commissioning of the facility;
- the date and country of issue;
- and the unique ID code of the guarantee of origin.

E.3.17 HEC GOs shall contain the following data:

- the name, location, type and installed capacity of the facility generating the energy (thermal energy and electricity);
- the date of commencing and finishing of electricity generation in the period for which the guarantee of origin was issued and the location of generation;
- the lower (net) calorific value of the source of fuel used for electricity generation;
- the volume and use of the heat cogenerated with electricity;
- the volume of electricity subject to the guarantee of origin and produced by high-efficiency cogeneration;
- the amount of primary energy savings calculated as provided in the Decree on the calculation method to be applied to determine the volumes of electricity produced by high-efficiency cogeneration together with useful thermal energy and of useful heat;
- the nominal electricity and heat generation efficiency rate of the PD;
- information on whether or not the facility received any investment aid;
- information on whether or not the energy unit received any aid from any national support scheme in any other form and from which support scheme;
- the date of commissioning of the facility;
- the date and country of issue;
- the unique ID code of the guarantee of origin.



E.3. 18. Relating to gas GOs the procedure of GO issuance is the following:

According to the information provided by the producer in the authorization decision of the PD on the basis of the monthly data reported by the producer and - in the case of gas fed into the grid – by the competent System Operator, MEKH issues the GOs in the GO account designated by the producer. In the case of gas fed into the grid, MEKH shall verify, in accordance with the provisions of the Regulation on Renewable Gases, that the producer's monthly data report does not contain any discrepancies with the measurement data sent by the System Operator.

The data reported by the producer to MEKH for registration in accordance with the MEKH Decree may only contain data relating to the given month (production period). Data reporting time limit for producers is the 20th day following the production month. If this time limit is not met, GOs cannot be registered for the given production month.

Renewable gas GOs for renewable gas produced/stored/converted by a PD can be issued for the production period following the first day of the month following the acceptance date by the producer of the authorization decision of the PD.

The issuance of the GOs shall be made for the production periods for calendar months. MEKH shall issue GOs by the end of the second month following the given month (production period) and shall register the GOs to the account of the Account Holder belonging to the PD on the basis

of the PD's authorization decision, provided that MEKH has examined the content of the data provided and found it to be accurate. Following the withdrawal of the registration of the PD, MEKH shall not issue a GO for energy produced by the given PD.

The ownership of the GO entered in the Transferables Account belongs to the Account Holder.

E.3. 19. The renewable gas GO shall include at least the following:

- a) the name of the energy source used to produce the renewable gas,
- b) the date of the start and end of production,
- c) an indication that the GO relates to renewable gas,
- d) the name, location, type and installed capacity of the PD,
- e) a statement indicating whether the PPD has received investment subsidy or aids from other public funds;
- f) a statement indicating whether the renewable gas has received operating subsidy; if so, the type of subsidy scheme,
- g) the operational start date of the functioning of the PD,
- h) the organisation registering the GO, the date and country of registration of the GO,
- i) the unique identification number of the GO,
- j) the method of conversion of the renewable gas,
- k) a notice whether the quantity of renewable gas has a PoS,
- l) a notice whether the GO was issued after conversion or withdrawal from the renewable gas storage facility,
- m) the chemical composition of the renewable gas,
- n) a notice whether the amount of auxiliary consumption covered by non-renewable energy sources has been deducted from the net amount of renewable gas production,
- o) a notice whether the GO was issued on the basis of the lower or upper calorific value of the renewable gas.

E.3.20. In the case of the sale of renewable gas for which a PoS has been issued the account holder shall

- a) transfer the GO to the buyer of the renewable gas, or
- b) handle it in accordance with the regulations relating to the UDB.

If a PD produces electricity from renewable gas that is subject to KÁT or premium-type support under the Electricity Act, the KÁT or premium-type support must also be indicated on any guarantees of origin registered for that renewable gas.

Energy produced from renewable gas shall not be transferred as energy produced from renewable energy sources if the GO has been separated and sold to another party.

Renewable gas GOs may be issued for the energy content of net renewable gas production, with the exception specified in the next paragraph. MEKH shall specify the methodology for determining the energy content of net renewable gas production for the installation and the data required for this purpose in the authorization decision.

A gas GO may only be issued for the amount of energy corresponding to auxiliary consumption and storage losses associated with the production, conversion or storage of renewable gas if it is automatically used for these purposes after registration.

In the case of production from multiple energy sources, the amount of renewable gas has to be taken into account when registering the GO shall be calculated proportionally, broken down according to the composition of the energy sources used. The calculation shall be carried out by the producer and supported by authentic and valid documents.

Gas GOs shall be issued for a quantity of 1 megawatt hour (MWh based on GCV at a reference temperature of 25/0 °C).

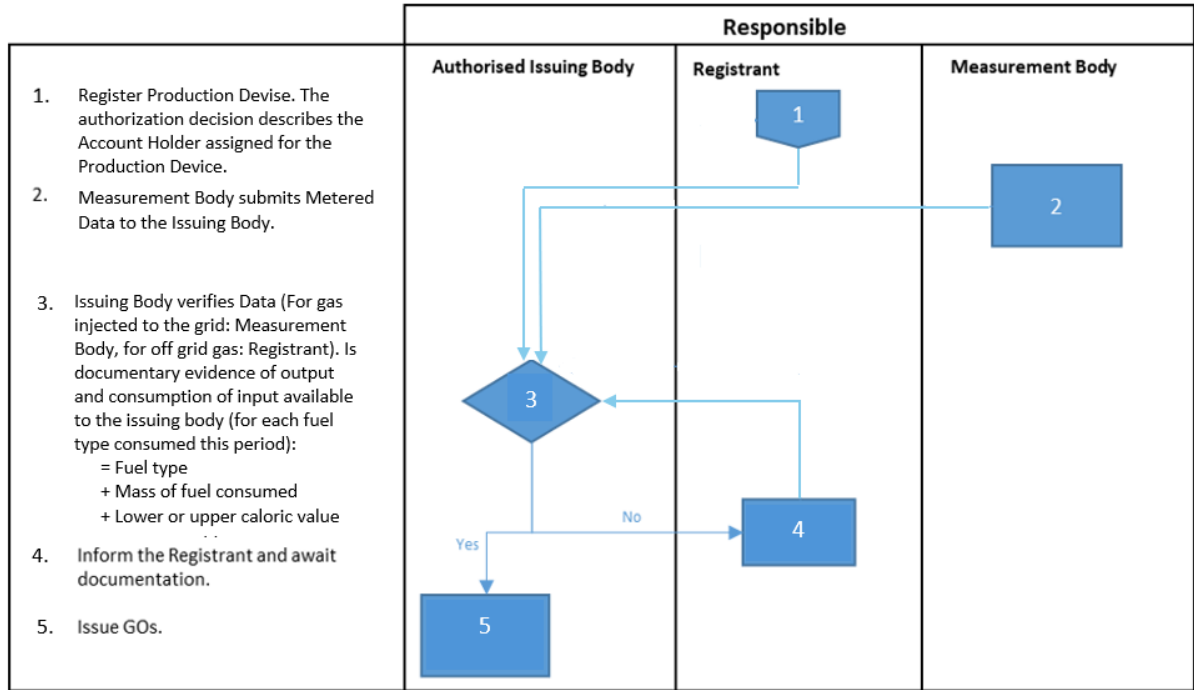
E.3. 21. Upon request of the producer, gas GOs may include the following:

- a) the capacity of each part of the PD and start date of the functioning of the PD,
- b) the carbon footprint (kg/MWh) with reference to the methodology used for calculation,
- c) the greenhouse gas emission intensity with reference to the calculation method,
- d) the value of greenhouse gas emissions saved, with reference to the calculation method,
- e) whether the greenhouse gas savings criteria set out in RED III have been met,
- f) whether the PD complies with the applicable sustainability criteria, with reference to
 - i) the rules defining the sustainability criteria,
 - ii) the relevant sustainability assurance system,
 - iii) the certification body,
 - iv) the relevant reports, certificates or other documents issued by the certification body.
- g) the calorific value of the renewable gas produced,
- h) the end use of the renewable gas produced,
- i) the proportion of input energy sources used within the input energy sources,
- j) the name of the state aid received for the energy source used for conversion,
- k) the purity of the renewable gas produced,
- l) a reference to the criteria with which the renewable gas produced complies,
- m) whether the biological energy source used for production qualifies as an advanced biofuel in accordance with Annex IX of the RED III.

E.3.22. Gas GOs may be issued for the energy content of net renewable gas production. In the PD authorization decision, MEKH shall specify the methodology for determining the energy content of net renewable gas production for the PD and the data required for this purpose.

With regard to gas GOs issued for the energy quantity corresponding to auxiliary consumption related to the conversion or storage of renewable gas and storage losses if this option of issuing GOs for auxiliary consumption or storage losses is expressly specified in the PD

authorization decision and this quantity of gas is automatically used for these purposes together with the cancellation of the GOs concerned. GOs may only be issued for the type of renewable gas and the mode of transfer specified in the authorization decision for the PD concerned.



E.4 Measurement

This section demonstrates compliance with the following EECS Rules:

D6.1.2	N6.4.	O6.4	
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- E.4.1 Only Production Devices that are equipped with metering equipment that complies with the relevant regulations for the trading of generation energy shall be registered. Production metering equipment is located between Production Device and transmission/distribution grid, and measures net generated electricity transmitted to transmission or distribution grid.
- E.4.2 Hungarian TSO and DSOs, and Producers/Account Holders provide metered data of the monthly production of the PD to MEKH within 60 days after the production month, as it is described in E.2.2. According to the Electricity Act, TSOs, DSOs and Accountholders are responsible for the measurement.

Concerning gas GOs:

The producer of the PD shall provide MEKH with all data necessary for MEKH to issue GOs in a credible and reliable manner in accordance with the Natural Gas Act, the Regulation on renewable gases and the provisions of the GTC. To this end, producers shall cooperate with MEKH.

If the producer or, in the case of renewable gas fed into grid, the system operator responsible for the measurements sends the necessary data to MEKH beyond the deadline specified in the legislation concerned - MEKH Decree 1/2023 on obligation concerning providing data for electricity, natural gas and district heating industries- or in the GTCs, MEKH must not issue GOs for the given production period.

In MEKH Decree 1/2023 on obligation concerning providing data for electricity, natural gas and district heating industries the following parts describe the obligation for providing data with regards to issuing GOs:

- Annex 17 Row 35: obligation of the TSO (Fgsz. in Hungary) to send data daily to MEKH on the amount of gas injected by the PD to the grid.
- Annex 26 Row 2: obligation of the renewable gas producer (a natural or legal person who produces renewable gas, including operators of PDs that makes conversion from renewable gas and operators of renewable gas storage facilities) to send data monthly to MEKH on the amount of renewable gas produced by the PD. This data must be provided monthly, by the 20th day of the month following the given production period.

E.5 Energy Storage

This section demonstrates compliance with the following EECS Rules:

N6.4.4	N6.4.5	C3.2.4	C3.2.2	C3.6
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E.5.1 Energy leaving an energy storage PD should be audited and qualified by MEKH for the issuing of GOs.

E.5.2 There are no pumped storage facilities in Hungary.

E.5.3. Gas GOs may be issued for the release of renewable gas from a renewable gas storage facility if a) or b) of the following conditions are met:

- a) the stored renewable gas was produced on site, and
- its characteristics can be clearly identified,
 - its quantity is not less than the quantity released,
 - its quantity is proportional to the quantity released,
 - no other guarantee of origin has been entered for it, and
 - its quantity has not been taken into account for any purpose other than storage in the renewable gas storage facility.

or

b) the GO for the stored renewable gas has been used for storage purposes.

The quantity of renewable gas issued in the GO shall be understood as the quantity released from storage, and the net quantity of renewable gas production shall be taken into account.

The characteristics indicated on the GO issued for the renewable gas released shall be the same as those of the GO for the gas used for storage, except for the following:

- a) the identification number of the guarantee of origin,
- b) the production period will be the period of release from storage,

Additionally, the characteristics indicated on the GO issued for the renewable gas released may differ from the characteristics of the GO associated with the gas used for storage purposes in the following respects:

- a) the country registering the GO,
- b) the method of transferring renewable gas,
- c) carbon footprint.

At the issuance of GOs for renewable gas released from storage, the data provider shall indicate which GOs were used during the storage of the given renewable gas.

The quantity and identification details of the GO used for storage shall be verified by MEKH.

When issuing GOs for renewable gas released from storage the quantity of renewable gas shall be based on the quantity released from storage, and the net quantity of renewable gas production shall be considered.

GOs for the energy quantity corresponding to auxiliary consumption related to the storage of renewable gas and to storage losses may only be issued if the possibility of issuing GOs for auxiliary consumption or storage losses are expressly specified in the authorization decision issued by MEKH for the given storage facility and the GOs are cancelled by default for these purposes after issuance.

E.6 Energy Carrier Conversion

This section demonstrates compliance with the following EECS Rules:

C3.2.2	C3.5.4(u)	C3.6	
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E.6.1 In the Hungarian domain there are separate GOs for electricity and gas.

E.6.2. Relating to renewable gas GOs issued for conversion the producer shall request the authorization process of the PD electronically by completing the relevant form available on MEKH's website.

Upon authorization MEKH shall issue an authorization decision stating whether or not the producer's PD is suitable for the conversion of renewable gas.

Information on the audit related to the authorization process and on the additional requirements to be met in order to comply with the CEN/EN16325 standard on Guarantees of Origin and the international system of GOs is available on MEKH's website.

The GO for renewable gas produced through conversion is issued if the input energy source also has a GO and was used for conversion purposes.

When issuing GOs for renewable gas produced during conversion, the data provider shall indicate which GOs were used for the conversion of the energy carrier in question.

The GO issued for conversion for renewable gas shall include also a notice that the GO was issued after conversion. GOs are cancelled for the measured input into conversion and new GOs issued for the measured output from conversion.

Upon request by the producer, the GO for renewable gas may also include the name of the state aid received for the energy source used for conversion purposes. E6.3. GOs for the energy quantity corresponding to auxiliary consumption related to the conversion of renewable gas may only be issued if the possibility of issuing GOs for auxiliary consumption is expressly specified in the authorization decision issued by MEKH for the given conversion facility and the GOs are cancelled by default for these purposes after issuance.

For GOs that can be issued after conversion, the efficiency of the conversion shall be taken into account and, accordingly, the quantity of GOs used during the conversion shall exceed the quantity of GOs issued after the conversion.

The quantity and identification data of the GO used for conversion shall be verified by MEKH.

The GOs issued after conversion shall indicate the fact of conversion.

The information indicated on the GO issued after conversion shall differ from that of the GO used for conversion in the following respects: the energy source used for conversion shall be derived from the GOs relating to the input energy sources.

It shall be determined in proportion to the energy content of the input energy sources used for conversion, but the type and purpose of the GO shall remain the same as indicated on the GO used for conversion.

E.6.4. The GO issued for conversion may include the following characteristics of the GO used for conversion:

- a) the production period of the energy used for conversion,
- b) regarding the unit generating the energy used for conversion:
 - i) identification details,
 - ii) location,
 - iii) date of commissioning,
 - iv) details of any subsidies received
- c) the carbon footprint of the energy prior to conversion, referring to the methodology used for the determination and taking into account the efficiency of the conversion
- d) the value of radioactive waste from energy before conversion, based on the methodology used for the determination and taking into account the efficiency of the conversion
- e) any label of the GO used for the conversion, if approved by the organisation providing the label.

Production of the energy carrier used at the site of the PD from clearly renewable energy sources shall not be considered conversion, provided that no GO has been or will be issued for the energy carrier used. E:6.5. In the cancellation request there is a requirement that should be indicated whether the cancellation took place for the purpose of conversion.

The newly issued GOs after conversion receive a 'Conversion Tag' in accordance with EECS C3.5.4(u).

The cancelled GOs for the input into conversion have to be cancelled within the Registry.

E.7 Combustion Fuel (e.g., Biomass) Input and Production Devices with multiple energy inputs

This section demonstrates compliance with the following EECS Rules:

N6.3.2	O6.3.2		
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- E.7.1 For co-firing Production Devices, EECS GOs for RES shall be issued only for the electricity that is produced from RES, with regards with the percentage of specific biomass or biogas source.
- E.7.2 For all Production Devices that can be operated with multiple fuels, the volume of electricity generated from RES and to be taken into regard for EECS GO shall be calculated proportionately, broken down based on the composition of the amount of fuel input according to energy sources. The calculation shall be made by the producer in monthly breakdown and substantiated by reasonably acceptable, authentic metering documents attached to the application form. Registrant should submit the calculations and the documents to MEKH. Template for the calculation is inserted in Annex 6. Such fuel declarations are always verified by MEKH before associated EECS GOs may be issued. The calculation methodology follows the provisions set in N6.3.2. of the EECS Rules.

A person submitting a Production Declaration in relation to a Production Device for which there is more than one Input shall be obliged to submit (in respect of the same period as that to which the Production Declaration relates) a Consumption Declaration for each combustible Input and to specify therein:

the values of M^1 , C^1 ... M^n and C^n ; and

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:

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

Where

- M^1 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.7.3 If MEKH suspects that information regarding a declaration is incorrect, it immediately stops the issuance for the Production Device. After this, MEKH contacts the owner(s) to find out if the discrepancy can be solved. If not, MEKH starts an investigation, which may include an onsite inspection. Issuing may be done only when discrepancies have been solved.

E.8 Format

This section demonstrates compliance with the following EECS Rules:

C3.5.4	C3.5.5	N6.5.	N6.6	O7
O8	C3.4.4	E3.3.10	N3.1.1	O3.1.1

- E.8.1 EECS Certificates shall be Issued in such format as may be determined by AIB from time to time.
- E.8.2 The following information is recorded on the electricity EECS Certificates (in relation with the **optional** fields mentioned in EECS C3.5.5, N6.6, O8, procedures are in place to determine the value recorded on the EECS Certificates:

Subject	Name of data field on EECS Certificate	Present on issued certificates? <i>Yes (always) / No / On Request of Producer</i>	Procedure to determine the value of this data field	Reference in EECS Rules
Element of Production Device	Capacity of production element (in addition to nominal capacity of Production Device)	Yes		C3.5.5 a / O8.1.1
	Date operational of production element (in addition to data operational of Production Device)	Yes		C3.5.5 a
	Type of production element	Yes		C3.5.5 a
Carbon footprint	Quantification of Carbon Footprint (CFP)	No		C3.5.5 b
	Reference to methodology for determining the CFP	No		C3.5.5 b

Production Time interval indicators	Starting time when the Output was produced	Yes		C3.5.5 c
	End time when the Output was produced	Yes		C3.5.5 d
Nuclear energy	Quantification of radioactive waste produced per MWh of Output	No		C3.5.5 e
	Reference to methodology for determining the radioactive waste produced	No		C3.5.5 a
Energy Savings [on HEC Certificates]	Amount of primary energy saved in MJ/MWh	Yes		N6.6.1 b
	Primary energy savings as % of input and output flows of Cogeneration unit	Yes		N6.6.1 b
GHG savings	GHG emissions saved	Yes		O8.1.1 b
	Method for GHG savings	Yes		O8.1.1 c
	RED GHG saving criteria met Y/N	No		O8.1.1 c
Sustainability criteria	Sustainability criteria met Y/N, legislative requirement reference, certification scheme, certification body, reference to certificate(s)/PoS	Yes		O8.1.1 d
Calorific value	Calorific value for calculating MWh of Output	Yes		O8.1.1 e
End-use of gas	Category from Fact sheet End-	No		O8.1.1 f

	Use of Gas (only if cancellation is restricted to this end-use)			
Source-shares	Info on the Inputs, their Source Type, their share in total energy Input	No		O8.1.1 g
Pre-conversion support	In case of Conversion Issuance, Indication of public support granted in relation with energy fed into converting Production Device	No		O8.1.1 i
Composition Purity	Indication of the purity of the composition of the Type of Gas	No		O8.1.1 j
Composition criteria	Reference to criteria to which the gas composition complies	No		O8.1.1 k
Advanced Biomass Feedstock	Y/N	No		O8.1.1 l

E.8.3 The following information is recorded on the gas EECS Certificates (in relation to the optional fields mentioned in EECS C3.5.5, N6.6, O8, procedures are in place to determine the value recorded on the EECS Certificates:

Subject	Name of data field on EECS Certificate	Present on issued certificates? <i>Yes (always) / No / On Request of Producer</i>	Procedure to determine the value of this data field	Reference in EECS Rules
Element of PD	Capacity of production element (in addition	Yes		C3.5.5 a / O8.1.1

	to nominal capacity of PD)			
	Date operational of production element (in addition to data operational of PD)	Yes		C3.5.5 a
	Type of production element	Yes		C3.5.5 a
Carbon footprint	Quantification of Carbon Footprint (CFP)	Yes (Upon request of the producer)		C3.5.5 b
	Reference to methodology for determining the CFP	No		C3.5.5 b
Production Time interval indicators	Starting time when the Output was produced	Yes		C3.5.5 c
	End time when the Output was produced	Yes		C3.5.5 d
GHG savings	GHG emissions saved	Yes		O8.1.1 b
	Method for GHG savings	Yes (Upon request of the producer)		O8.1.1 c
	RED GHG saving criteria met Y/N	Yes (Upon request of the producer)		O8.1.1 c
Sustainability criteria	Sustainability criteria met Y/N, legislative requirement reference, certification scheme, certification body, reference to certificate(s)/PoS	Yes		O8.1.1 d
Calorific value	Calorific value for calculating MWh of Output	Yes		O8.1.1 e
End-use of gas	Category from Fact sheet End-Use of Gas (only if	Yes		O8.1.1 f

	cancellation is restricted to this end-use)			
Source-shares	Info on the Inputs, their Source Type, their share in total energy Input	Yes (Upon request of the producer)		08.1.1 g
Pre-conversion support	In case of Conversion Issuance, Indication of public support granted in relation with energy fed into converting PD	Yes (Upon request of the producer)		08.1.1 i
Composition Purity	Indication of the purity of the composition of the Type of Gas	Yes (Upon request of the producer)		08.1.1 j
Composition criteria	Reference to criteria to which the gas composition complies	Yes (Upon request of the producer)		08.1.1 k
Advanced Biomass Feedstock	Y/N	Yes (Upon request of the producer)		08.1.1 l

EECS Certificates are issued based on the format of the electronic database provided by the software provider EEX.

E.9 Transferring EECS Certificates

This section demonstrates compliance with the following EECS Rules:

C5.1.1	C5.1.3	C5.1.6	
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- E.9.1 The transfer process for electricity and gas GOs is the same.
- E.9.2 An Account Holder can get secure electronic access to the Account to make transfers of EECS GOs to another Account in the Registry or to make transfers of EECS GOs to another EECS Registration Database for EECS GOs in another Domain through the AIB Hub.

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- E.9.3 Only persons duly authorized by the Account Holder may request the transfer of EECS GOs out of that Account Holder’s Transferable Account. Authorized persons must be identified on the Agreement. Authorized persons can also later be added by the root user(s) of that Account Holder.
- E.9.4 Only EECS GOs can be transferred to and from the Registry.
- E.9.5 The initiation of transfers is done in the Registry by the selling Account Holder. The selling Account Holder has to specify the followings:
- the amount of GOs that are requested to be transferred,
 - the Domain of receiving Account Holder, and
 - the receiving Account Holder.
- E.9.6 The transfer of EECS GOs 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 initiation has been successful. GOs that are initiated to be transferred cannot be initiated to another transfer until they appear at the receiving Account Holder’s account or the initiation becomes unsuccessful.
- E.9.7 When transferring between two accounts in the Registry, the EECS GOs are automatically transferred to the receiving account if the initiation of the transfer is successful. If the initiation of the transfer is not successful, the certificates do not leave the Account of the original Account Holder.
- E.9.8 When transferring between Accounts in two different registries, 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 certificates are returned to the Account of the original Account Holder.
- E.9.9 In transfers between Accounts in two different registries, MEKH will cooperate with other Members of the EECS scheme to amend its own, or the other Members’ Account Holder information.
- E.9.10 Where it is impossible to transfer for technical reasons, this can be overcome by cancelling certificates 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.9.11 EECS GOs that have been cancelled, withdrawn or expired are not available for transfer.
- E.9.12 HUPX organizes monthly auctions for electricity EECS GOs.
- E.9.12.1 The rules of the auctions are set in [HUPX GO Market Rules](#). This document is approved by MEKH according to the provision of the Electricity Act and based on its regulatory power on the electricity sector.
- E.9.12.2 Concerning electricity GOs the offers for the auctions consist of the following:
- The Hungarian TSO MAVIR is obliged to sell EECS GOs that refer to electricity supported by the KÁT Scheme.

- Besides, any Account Holders that have GOs on their accounts may offer GOs for the auctions.
- Furthermore, Account Holders of foreign EECS registries may also offer their GOs, based on HUPX GO Rules.

E.9.13 Any further information about the auctions can be found on the HUPX website (www.hupx.hu).

E.9.14. Concerning gas GOs the transfer of the GOs should be done according to the procedure below:

In the case of the sale of renewable gas for which a PoS has been issued too, the Account Holder shall

- a) transfer the GO to the purchaser of the renewable gas, or
- b) handle it in accordance with the regulations relating to the EU database referred to in Article 31a of RED III.

E.9.15 Energy produced from renewable energy sources shall not be transferred as energy produced from renewable energy sources if the GO concerned has been separated and sold to another party.

E.10. Rules for EECS Certificates for export and import

This section demonstrates compliance with the following EECS Rules:

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E.10.1. The rules for EECS Certificates for export and import are the same for both electricity and gas GOs.

E.10.2. In the absence of HUB connection – in line with the relevant EECS Rules - the import or export of GOs can be transferred upon official request, with the approval of MEKH in accordance with the procedure laid down in the Administrative Procedure Act. The Account Holder shall submit the relevant request to MEKH electronically by completing and submitting the forms provided for this purpose.

E.10.3. Transfers of GOs from the Hungarian Registry to a foreign Registry (export), without HUB connection:

In the absence of the AIB HUB in cases of requests for transfers initiated from an account in the Hungarian GO Registry to an account in a foreign GO Registry MEKH shall, upon receipt of the request, verify its authenticity and then:

- a) notify the organisation operating the Registry for renewable gas GOs in the given country
- b) transfer the GO to the organisation operating the foreign Registry concerned
- c) record the export of the GO concerned in the Registry
- d) once the transfer has been confirmed, it shall provide the Account Holder who initiated the transfer with the identification details of the foreign Registry involved in the transfer, as well as the

identification details of the GOs involved in the transfer and any identification details necessary for the possible sharing of the guarantees of origin due to the transfer, and then

e) cancel the GOs indicated in the request from the Account Holder's account.

It is MEKH's responsibility to verify the authenticity by contacting the issuing body concerned and request to verify the authenticity of the request.

E.10.4. Transfers of GOs from a foreign Registry to the Hungarian Registry (import), without HUB connection:

In the absence of the AIB HUB, upon receipt of a transfer request from an account in a foreign Registry to an account in the Hungarian Registry, MEKH shall deliver a decision on the transfer in accordance with the Administrative Procedure Act of Hungary nr. CL of 2016 and:

- a) accept the transfer of the GOs indicated in the request to the account that has been described in the request,
- b) notify the organisation operating the foreign Registry about the success of the transfer,
- c) provide the Account Holder of the account designated as the destination of the transfer with the name of the Account Holder who initiated the transfer and the identification details of the GOs involved in the transfer.

GOs manually transferred are not going to be in the GO Registry, they will be handled in a different data management system.

E.10.5. In the event that, in connection with a transfer request initiated from an account in a foreign Registry, it becomes obvious that the Account designated as the destination of the transfer does not exist in the Hungarian Registry, the organisations issuing the GO shall attempt to identify the account identification number within 30 (thirty) working days, and if this is unsuccessful,

- a) GOs transferred are returned to the account of the Account Holder initiating the transfer and are kept as non-exported guarantees of origin, and
- b) all data relating to the transfer are deleted from the Registry receiving the transfer.

E.10.6. GOs may be transferred within 12 months of the end of the production period of the relevant renewable gas, if it has not been used or withdrawn and has not expired. E.10.7 GOs may be transferred or used independently of the relevant gas, but the renewable nature of the transferred or used gas can only be verified by a GO.

E.11 Administration of Malfunctions, Corrections and Errors

This section demonstrates compliance with the following EECS Rules:

C5.1.7	C8.4.1	C8.4.2	C8.4.3	C8.5.1
D9.1.2				

- E.11.1 Once issued, the details of an EECS GO cannot be altered or deleted except to correct an error.
- E.11.2 MEKH has the right to perform corrective actions such as withdrawal or transfer of EECS GOs in the Registry where EECS GOs have been erroneously issued or transferred.
- E.11.3 If an error occurs in the measurement data on which basis EECS GO is created, MEKH will correct this error. If EECS GOs are not issued correctly, i.e. larger quantity, and traded, the error will be corrected in future issuing a reduced number of certificates in the next period.
- E.11.4 Where it is impossible to transfer for technical reasons, this can be overcome by cancelling EECS GOs for use in another domain, subject to an agreement between MEKH and the importing Issuing Body.
- E.11.5 Where an error is introduced (subsequent to its Issuance) into, or with respect to, an EECS GO held in an Account Holder’s Transferables Account in MEKH’s EECS Registration Database: (a) in the course of its transfer into that Account; or (b) during such time as it is in such Account, that MEKH shall correct the error in or with respect to that EECS GO and any errors replicated in EECS GO split from it, provided that such EECS GOs have not been transferred out of that Transferables Account.
- E.11.6 In case the EECS GOs are no longer in the Hungarian domain, MEKH will cooperate with other Issuing Bodies to withdraw or correct the erroneous EECS GOs.
- E.11.7 MEKH will make all available effort to prevent undue enrichment of any Account Holder as a result of erroneous EECS GOs or the correction of erroneous EECS GOs.

E.12 End of Life of EECS Certificates – Cancellation

- E.12.1 Cancellation is removing an EECS GO from circulation by MEKH as a Member of the EECS Scheme. Once Cancelled, an EECS GO cannot be moved to any other account, and so is no longer tradable. The expired EECS GOs are not valid for cancellation. Only EECS GOs may be cancelled in the Registry.
- E.12.2 Cancellation of EECS Certificates is allowed for the categories of certificates, marked with X in the table below, and informing on the actor who is allowed to cancel Certificates:

Cancellation category	Electricity	Energy Gas	Hydrogen
End-use of energy	X	x	x
Conversion Issuance (EECS C3.2.2 b)		x	
Storage Issuance (EECS C3.2.4 a.ii)	X	x	x

- E.12.3 GOs can be used solely for the purpose of disclosure. Both electricity end-use of energy and storage EECS GOs may be used in the fuel mix disclosure of electricity consumption in Hungary. GOs shall be cancelled in the Registry only for electricity mix disclosure purpose.
- E.12.4 EECS GOs may be cancelled for use in countries or areas which are not a Domain in relation to EECS GOs (hereafter **Ex-Domain Cancellation**). Ex-Domain Cancellation for such countries or areas will only be technically enabled if there are considerable market interest and an

agreement between MEKH and competent authorities in the beneficiary country or area of basic principles of GO trade and disclosure. MEKH must also be reasonably assured that Ex-Domain Cancellation in the other country or area will not be used in a fraudulent or otherwise inappropriate way.

- E.12.5 EECS GOs may only be cancelled for use in other EECS GOs Domains if the transfer of such EECS GOs to the other Domain is not possible and provided that there is a Cancellation Agreement with the Scheme Member of that other Domain.
- E.12.6 Account Holders possessing EECS GOs in the Registry can perform cancellations by executing the transaction in the Registry. The Account Holder must specify the EECS GOs to be cancelled as well as the country of consumption, cancellation purpose, usage category, name, type and location of beneficiary and related consumption period. The Account Holder may choose to cancel part or all of a given certificate bundle or several bundles. The cancellation is done when MEKH approves the transaction.
- E.12.7 Cancelled EECS GOs are removed from the Transferable account by changing their status to “cancelled” so they do not appear in any Account of the Registry after the cancellation. After the approval of the cancellation by MEKH, the Account Holder has full access to see the details of the cancellation process in the Registry and generate a Cancellation Statement from there or they can order an official Cancellation Statement from MEKH.
- E.12.8 Cancellation Statement template is inserted in Annex 7.

E.12.9 With regards to gas GOs:

In relation to gas purchased from the grid, GOs issued only for renewable gas of the same type and corresponding to the relevant network characteristics can be cancelled.

The cancellation of a GO can be done at the initiative of the Account Holder - and with the approval of MEKH - when the Account Holder

- a) provides proof to the end consumer, or to the organisation designated to verify compliance with the biofuel share (National Tax and Customs Administration), or to other parties specified in the account agreement that a specified amount of the gas used was produced from renewable energy sources,
- b) proves the use of the energy quantity covered by the GO for conversion, in order to issue the GO for the converted energy carrier, or
- c) provides proof that the storage of the renewable gas covered by GOs in a storage facility, in order to issue GOs for the gas released from the storage,
- d) proves the issuance of certificates in another certification system, not in accordance with the AIB EECS Rules, provided that
 - i) the uniqueness of the characteristics specified in the GO is preserved, and
 - ii) the new certificate also aims to certify the amount or share of renewable energy supplied to the final consumer, and
 - iii) the new certificate can only be used to certify the origin of the amount of energy used before the date of its use.

E.12.10 The cancellation of a GO can be initiated by the Account Holder in the Registry. When initiating the cancellation, the Account Holder shall specify the beneficiary of the cancellation and the valid period of use.

E.12.11 The cancellation of GOs in the Registry must be initiated in the Registry at least 40 calendar days before the expiry of 18 months from the production.

The cancellation of GOs initiated in the Registry shall be examined by MEKH and, if the necessary data have been provided in full and accurately, the use shall be approved in the Registry within the 40 calendar days specified in the previous paragraph. MEKH shall not be held liable in civil law for claims relating to the use of GOs after 40 calendar days, and its liability for damages shall also be excluded.

E.12.12 MEKH shall not be held liable under civil law and shall not be liable for damages even if the Account Holder initiates the cancellation within the deadline but fails to respond to MEKH's questions within the expected time in order to clarify the incorrect data content.

E.12.13 MEKH shall authorise the use of a domestic GO abroad in the Registry if the Account Holder submits an electronic request to MEKH in accordance with the procedure laid down in the Administrative Procedure Act, and

- a) it is not possible to export GO to the Registry of the other country and MEKH has concluded a cancellation agreement with the other country that is an AIB gas scheme member, or
- b) there is no Registry for GO for renewable gases in the other country.

Concerning the export of domestic GOs to a partner that is not connected to the AIB HUB the cancellation of the GOs shall take place if the transfer of the relevant GOs has been approved by MEKH and the responsible organisation of the other country has recognised the EECS GOs.

In connection with the export of domestic GOs for consumption abroad, MEKH shall not be responsible for the acceptance of guarantees of origin from the domestic Registry in the beneficiary country but shall cooperate with the organisation issuing the guarantee of origin in the beneficiary country.

The initiation to cancel GOs sent by the Account Holder in the Registry (in the case of the cancellation of a domestic GOs abroad) shall contain the following information:

- a) the relevant PD identification details, technology and energy source based on the classification in the certification decision,
- b) the identification numbers of the guarantees of origin to be used,
- c) the relevant production period,
- d) the category of use from the following:
 - i) disclosure for final consumption use
 - ii) use related to storage
 - iii) issuing certificates in other certification systems
- e) information on the beneficiaries of the use:
 - i) type of beneficiary
 - a. energy supplier,
 - b. final consumer,

- c. renewable gas storage facility,
- d. conversion equipment,
- e. other certification system.

ii) identification details of the beneficiary if the certificate is issued in another certification scheme:

- a. the identification details of the other certificate system,
- b. the identification details of the Issuing Body operating the other certificate system,
- c. the purpose of the certificate issued in the other certificate system,
- d. reference to the parties recognising the other certificate system or to the legislation governing the operation of the other certificate system.

iii) the country and (if available) the municipality of consumption, transformation or storage related to the use

iv) the brand name associated with the use, if relevant

f) the period of use or the date of delivery,

g) a declaration that the type of gas used is the same as the type indicated in the guarantee of origin.

Upon receipt of an initiative to cancel a GO MEKH shall

- a) mark the GO as cancelled and withdraw it from trading,
- b) grant the initiating Account Holder access to the data proving the cancellation of the GO.

E.12.14 MEKH shall, upon official request, recognise *foreign GOs* for renewable gas in accordance with the procedure laid down in the Administrative Procedure Act, provided that HUB connection between the Registries of the two countries is not established.

The following shall be considered as domestic recognition of foreign GOs:

a) the foreign GO

- i) was intended to the place of use in Hungary of a final consumer,
- ii) to the organisation designated to verify compliance with the biofuel content, or
- iii) to a licence holder under the Natural Gas Supply Act

the use of the foreign Registry has been approved by the MEKH, or

b) the import of foreign guarantees of origin into the domestic Registry, with the approval of the foreign Issuing Body and MEKH, without AIB HUB connection.

E.12.15 The GO imported on the basis of an official request with the intervention of processing or storage, cannot be traded to a foreign Registry through the HUB.

E.12.16 The cancellation of a GO to issue a certificate in *another certification scheme* may be assessed upon an official request in accordance with the rules of the Administrative Procedure Act. The request

shall be submitted by the Account Holder to MEKH by completing and sending the form provided for this purpose.

E.12.17. The process of concluding an Ex-Domain Cancellation of AIB EECS Rules should be followed by MEKH and the other domain concerned if there is no AIB HUB connection between them.

E.13 End of Life of EECS Certificates – Expiry

E. 13. 1 EECS Certificates cease to be valid for transfer twelve months after the end of the period during which the Output to which they relate was produced.

E.13.2. EECS Certificates cease to be valid for cancellation eighteen months after the end of the period during which the Output to which they relate was produced.

E.13.3. EECS GOs automatically expire eighteen months after the end of the related production period.

E.13.4 EECS GOs which have expired, will have such status in the Registry and are no longer valid for transfer, export, cancellation or any other operation. It is not possible at all to validate an expired certificate for any operation.

E.13.5 These rules apply to both Electricity and Gas EECS Certificates.

E.14 End of Life of EECS Certificates – Withdrawal

E.14.1 Both electricity and gas EECS GOs which have been withdrawn are no longer valid for transfer nor cancellation.

E.14.2 MEKH may withdraw an electricity or gas EECS GO held in an 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 as described in E.9.10.

• **F ISSUER’S AGENTS**

F.1 Production Auditor

This section must demonstrate compliance with the following EECS Rules:

None directly			
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F.1.1

For gas GOs the Competent authority in Hungary is MEKH, however PDs are audited by Production Audit Organizations. These organizations should make an Agreement with MEKH for collaboration in relation to audits of PDs. These organizations are published on MEKH’s website.

F.2 Production Registrar

This section must demonstrate compliance with the following EECS Rules:

None directly			
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F.2.1 MEKH Acts as the Production Registrar in the Hungarian EECS domain and verifies production data as part of the registration process.

F.3 Measurement Bodies

This section demonstrates compliance with the following EECS Rules:

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F.3.1 Concerning electricity GOs the Authorised Measurement Bodies are the DSOs and the TSO???

F.3.2. Concerning gas GOs an audit of a PD can be carried out by an auditor who meets the following conditions:

- A) an auditor recognised by an EU Commission Decision adopted pursuant to Article 30(4) of RED18 under a voluntary national or international scheme, if the scope of the recognition of the voluntary scheme includes
 - (aa) the territory of Hungary,
 - (ab) the production of the given type of renewable gas and, where relevant, its feed into the network, and
 - ac) the type of energy source used in the PD to produce renewable gas,
- B) an auditor accredited under the European Community's Eco-Management and Audit Scheme (EMAS), if the accreditation includes:
 - ba) electricity, gas and steam supply and air conditioning activities as defined in the Unified Sectoral Classification System of Economic Activities (TEÁOR), and
 - bb) in the case of biogas or biomethane production, the waste management activities defined in TEÁOR, or

- c) the content of the information published on MEKH's website regarding auditor reports related to guarantees of origin, in accordance with the MSZ EN ISO/IEC 17029 standard.

G. ACTIVITY REPORTING

G.1 Public Reports

This section demonstrates compliance with the following EECS Rules:

E3.3.4	HPA section 14.2		
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G.1.1 For each technology, statistical information is published on the following website <https://grex.grexel.com/en/public/home> 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.1.2 Hungary’s EECS GO Market Information is continually – at latest by 22nd of every month – published on the website of the Registry provider including:

- A list of Account Holders registered for the Scheme in the Hungarian Domain;
- A list of Production Devices registered for the Scheme in the Hungarian Domain;
- Information on certificates that have been Issued;
- Information on certificates that have been Transferred;
- Information on certificates that have been Cancelled (for use within Hungary; and for use in other Domains);
- Information on certificates that have been Exported;
- Information on certificates that have been Imported;
- Information on certificates that have Expired.

G.2 Record Retention

This section demonstrates compliance with the following EECS Rules:

A12.1.1	C5.1.2	D8.1.2	
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G.2.1 Retention of printed and electronic information regarding registries and data is done in accordance with the following table:

Data	Time	Medium
Standard terms and conditions and its appendices	Minimum 5 years (paper) and 10 years (scans) after termination of contract	Paper Copies and Electronic forms

Production Device Registration forms, audit reports	Minimum 10 years after de- registration	Electronic forms
Issuing Request (Consumption Declaration / Production Declarations)	Minimum 10 years	Electronic forms
Transfer requests	Minimum 10 years	Electronic forms
Transaction data	Minimum 10 years	Database backups

- G.2.2 MEKH retains all records to which it has had access relating to any EECS GO on its Registry which is the subject of a Transfer Request for not less than 10 years after its Cancellation or Expiry (or such longer period as may be required by applicable national legislation).
- G.2.3 All data stored in the Registry is backed up in order to ensure complete recovery from any possible data loss.
- G.2.4 All data in the Registry is stored in a manner that support the transparent audit of all Account Holders, Production Devices, transactions and certificate information.

G.3 Orderly Market Reporting

This section demonstrates compliance with the following EECS Rules:

E4.2.5	E4.2.6	E4.2.7	
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- G.3.1 MEKH will inform the AIB in advance of any relevant changes in legislation about EECS scheme in Hungary, especially if it involves changes on this Domain Protocol. MEKH will inform AIB of any changes to legislation, processes and procedures or updates it would like to make to the Domain Protocol in advance of such change taking effect in order to get approval from the relevant Scheme Group.

MEKH will enforce the rules in relation to any act of non-compliance. MEKH will provide all required information to AIB to resolve or investigate such action.

H ASSOCIATION OF ISSUING BODIES

H.1 Membership

This section demonstrates compliance with the following EECS Rules:

C2.2.6	C2.2.7		
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- 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 MEKH ceases to be a Scheme Member of an EECS Scheme, it shall revise its Registry 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 MEKH ceases to be the Authorised Issuing Body for EECS Certificates, it shall revise its Registry 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.2 Complaints to the AIB

This section must demonstrate compliance with the following EECS Rules:

None directly	(J1.1.2)		
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- H.2.1 An Account Holder is allowed to notify the Secretary General of AIB in writing in case:
- 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.
- The General Secretary of AIB shall invite the relevant Authorised Issuing Body to respond to the allegation.
- H.2.2 Account Holder may file complaints to the AIB indicating that:
- MEKH is in breach of any of the provisions of Product Rules in relation to that EECS product;
 - Any product rules do not comply with the relevant provisions of the EECS Rules.



I CHANGE CONTROL

I.1 Complaints to MEKH

This section must demonstrate compliance with the following EECS Rules:

None directly			
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I.1.1 an Account Holder may file complaints against MEKH by sending an e-mail to go@mekh.hu. In relation with renewable gas GOs complaints against MEKH by sending an e-mail to gazgo@mekh.hu. For both electricity and gas GOs if the complaint regards to a decision on MEKH side and MEKH finds that the complaint is justified, then MEKH will make all the efforts to correct the mistake as soon as possible and within a period of 20 working days. Treatment of the complaint and disputes will be made in accordance with the national legislation.

I.2 Disputes

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- I.2.1 Disputes between two market parties, where the reason of the dispute is a mistake or technical error of MEKH, shall be notified as soon as possible via electronic mail. Disputes between market parties related to delayed or incomplete payment or other issues relating to contractual agreements between the parties will not be handled or resolved by MEKH.
- I.2.2 If MEKH and the Account Holder are unable to solve a dispute; the issue shall be resolved according to national legislation.

I.3

This section demonstrates compliance with the following EECS Rules:

E4.2.3	E6.2.1e	L5.1.1	
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- I.3.1 An Account Holder may propose a modification to this Domain Protocol.
- I.3.2 Such a proposal will include a detailed description, including an exact specification of any proposed modification of this Domain Protocol and be passed in written form to MEKH.
- I.3.3 On receipt of such a request MEKH will:
- Respond to the request within 60 working days, describing the procedures to be followed, and estimating when a reply can be expected;
 - Consult with the other EECS GO Scheme Participants within Hungary;
 - Decide whether the request and its consequences are in its opinion reasonable;
 - Inform the EECS GO Scheme Participants within Hungary of the outcome of this decision.

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- I.3.4 MEKH may make such modifications to this Domain Protocol as are in its opinion necessary to the effective, transparent and efficient operation of the market.
- I.3.5 Any modifications to this Domain Protocol are subject to approval by the AIB (Assessment Panel in accordance with EECS rules section L5.2.1 and the prior consent of the General Meeting in accordance with the provisions of EECS rules section L5) that such changes do not conflict with the Principles and Rules of Operation of the AIB for The European Energy Certification Registry.
- I.3.6 Implementation of modifications will be notified by e-mail to the Participants and will take effect on publication of the documentation on the websites of AIB (www.aib-net.org) and MEKH (www.mekh.hu).

ANNEX 1 CONTACTS LIST

AUTHORISED ISSUING BODY / REGISTRY OPERATOR / PRODUCTION REGISTRAR / PRODUCTION AUDITOR FOR ELECTRICITY AND GAS

Company name	MEKH Hungarian Energy and Public Utility Regulatory Authority
Contact person	Vedres Péter
Department	Sustainable Development Department
Address	H-1054 Budapest, Bajcsy-Zsilinszky út 52.
Phone number	+36 1 459 7794
E-mail address	go@mekh.hu
Website	www.mekh.hu

REGISTRY SUPPORT FOR ELECTRICITY AND GAS

Company name	EEX
Contact person	Markus Klimscheffskij
Address	Lautatarhankatu 6, FI-00580 Helsinki, Finland
Phone number	+358 9 42413169
E-mail address	info@grexel.com
Website	https://www.eex.com/en/markets/energy-certificates

MEASUREMENT BODIES FOR ELECTRICITY

Company name	MAVIR Magyar Villamosenergia-ipari Átviteli Rendszerirányító Zrt.
Address	H-1031 Budapest, Anikó u.4.
E-mail address	mkp@mavir.hu
Website	www.mavir.hu

Company name	E.ON DÉL-DUNÁNTÚLI ÁRAMHÁLÓZATI ZRT.
Address	H-7626 Pécs, Rákóczi út 73/b.
E-mail address	ertesites.ede@eon-hungaria.com
Website	

Company name	E.ON ÉSZAK-DUNÁNTÚLI ÁRAMHÁLÓZATI ZRT.
Address	H-9027 Győr, Kandó K. u. 13.
E-mail address	ertesites.eed@eon-hungaria.com
Website	

Company name	ELMŰ HÁLÓZATI KFT.
Address	H-1132 Budapest, Váci út 72-74.
E-mail address	cegkapuelmudso@elmuhalozat.hu
Website	

Company name	MVM DÉMÁSZ ÁRAMHÁLÓZATI KFT.
Address	H-6724 Szeged, Kossuth Lajos sugárút 64-66.
E-mail address	
Website	

Company name	MVM ÉMÁSZ ÁRAMHÁLÓZATI KFT.
Address	H-3525 Miskolc, Dózsa György út 13.
E-mail address	
Website	

Company name	OPUS TITÁSZ ÁRAMHÁLÓZATI ZRT.
Address	H-4024 Debrecen, Kossuth u. 41.
E-mail address	opustitasz@opustitasz.hu
Website	

MEASUREMENT BODIES FOR GAS

Company name	FGSZ Zrt. (TSO)
Address	H-8600 Siófok, Tanácsház u. 5.
E-mail address	info@fgsz.hu
Website	www.fgsz.hu

Company name	CSEPELI ERŐMŰ KFT.
Address	H-1211 Budapest, Színesfém utca 1-3.
E-mail address	info@acse.hu
Website	https://www.acse.hu/oldal/fooldal/

Company name	MVM FŐGÁZ FÖLDGÁZHÁLÓZATI KFT.
Address	H-1081 Bp. II. János Pál pápa tér 20.
E-mail address	ugyfelszolgalat@mvm.hu
Website	https://www.mvmhalozat.hu/gaz

Company name	OERG ÓZDI ENERGIASZOLGÁLTATÓ ÉS KERESKEDELMI KFT.
Address	HU-3600 Ózd, Gyár út 1.
E-mail address	oerg@oerg.hu
Website	http://www.oerg.hu

Company name	NGS NATURAL GAS SERVICE KFT.
Address	HU- 4028, Debrecen 3/11, Laktanya utca 38,
E-mail address	info@naturalgas
Website	https://www.naturalgas.hu/

Company name	OPUS TIGÁZ ZRT.
Address	HU-4200 Hajdúszoboszló, Rákóczi u. 184
E-mail address	gazinfo@opusenergetika.hu
Website	https://www.opustigaz.hu/

Company name	MAGÁZ MAGYAR GÁZSZOLGÁLTATÓ KFT.
Address	HU-8800 Nagykanizsa, Csengery út 9.
E-mail address	magaz@magaz.hu
Website	https://magaz.hu/

Company name	E.GAS GÁZELOSZTÓ KORLÁTOLT FELELŐSSÉGŰ TÁRSASÁG
Address	HU-8800 Nagykanizsa, Csengery út 9
E-mail address	info@e-gas.hu
Website	https://e-gas.hu/

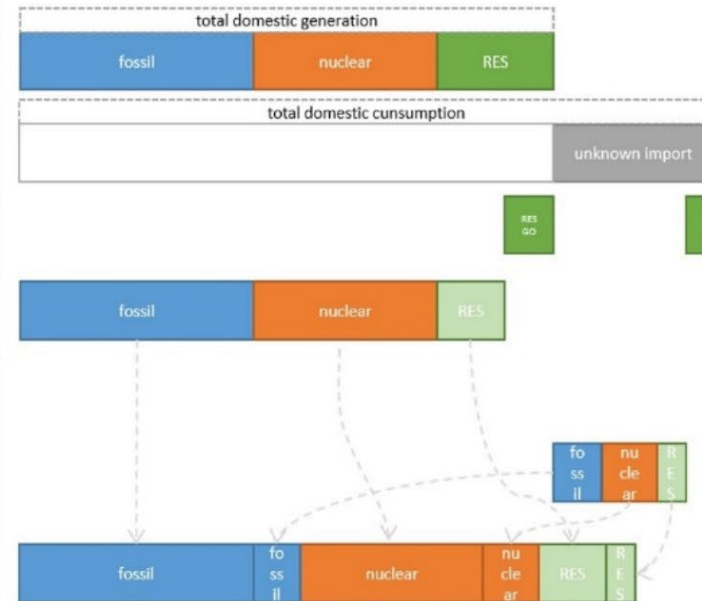
Company name	E.ON KÖZÉP-DUNÁNTÚLI GÁZHÁLÓZATI ZRT.
Address	HU-1117 Budapest, Hengermalom út 18.
E-mail address	info@eon.hu
Website	https://www.eon.hu/hu/rolunk/vallalatcsoport/halozati-engedelyes-cegek/eon-kozep-dunantuli-gazhalozati-zrt.html

Company name	MVM ÉGÁZ-DÉGÁZ FÖLDGÁZHÁLÓZATI ZRT.
Address	HU-6724 Szeged, Pulcz utca 44.
E-mail address	info@mvmedgazhalozat.hu
Website	https://www.mvmhalozat.hu/edgaz



ANNEX 2 DISCLOSURE RESIDUAL MIX CALCULATION PROCESS

#	Responsible party	Task	Deadline
1.	HEA	determining the energy mix of domestic net energy generation for year X	1 st April year X+1
2.	HEA	determining gross energy consumption and annual electricity exchange balance for year X	1 st April year X+1
3.	HEA	determining the amount of domestic and foreign GOs cancelled for consumption in year X	1 st April year X+1
4.	HEA	determining domestic residual mix (energy mix of domestic generated part of electricity consumed and not covered with GOs in year X)	20 th April year X+1
5.	HEA	sending domestic residual mix to AIB for calculating European Attribute Mix	30 th April year X+1
6.	AIB	determining European Attribute Mix	15 th May year X+1
7.	HEA	determining adjusted residual mix (energy mix of domestic electricity consumption not covered with GOs in year X)	31 st May year X+1
8.	Disclosure obligated parties (suppliers)	disclosure of product and supplier mixes (based on GOs used and corrugated residual mix)	1 st July year X+1





ANNEX 3 ACCOUNT APPLICATION/AMENDMENT FORM

Electricity Scheme



Organization Information

Organization name *	Start date *	End date
<input type="text"/>	<input type="text" value="day/month/year"/>	<input type="text" value="day/month/year"/>
Domain *	<input type="text" value="Hungary"/>	
Business ID *	Physical Person ID	Billing reference
<input type="text"/>	<input type="text"/>	<input type="text"/>
Purchase order number	Value Added Tax Number	
<input type="text"/>	<input type="text"/>	

Business address

Street	PO box	Zip code *
<input type="text"/>	<input type="text"/>	<input type="text"/>
City *	Country *	Website
<input type="text"/>	<input type="text" value="Hungary"/>	<input type="text"/>

Invoice address

Street	PO box	Zip code
<input type="text"/>	<input type="text"/>	<input type="text"/>
City	Country	Email
<input type="text"/>	<input type="text" value="Select"/>	<input type="text"/>

Locked <input checked="" type="radio"/> No <input type="radio"/> Yes	Physical person <input checked="" type="radio"/> No <input type="radio"/> Yes	Organization parameters <input type="checkbox"/> 4-eye approval required for cancellation <input type="checkbox"/> 4-eye approval required for transfer <input type="checkbox"/> 4-eye approval required for internal transfer <input type="checkbox"/> User roles locked required for organization on user create or update
---	--	---

GENERAL **ORGANIZATION TYPE** TRADING SCHEME CONTACT SUMMARY

Organization Type
At least one organization type must be filled

Add

Organization Type *	Start date *	End date	Edit
Select	day/month/year	day/month/year	Add Cancel

No records available.

« Previous Next »

GENERAL ORGANIZATION TYPE **TRADING SCHEME** CONTACT SUMMARY

Trading Scheme
At least one trading scheme must be filled

Add

Trading Scheme *	Start date *	End date	Edit
Select	day/month/year	day/month/year	Add Cancel

No records available.

« Previous Next »

GENERAL ORGANIZATION TYPE TRADING SCHEME **CONTACT** SUMMARY

Business contact
Note: The business contact isn't itself mandatory, but if any field is given a value, then fields with asterisks must be filled.

First name	Last name	Title
<input type="text"/>	<input type="text"/>	<input type="text"/>
Email	Salutation	
<input type="text"/>	<input type="text"/>	
Street	PO box	
<input type="text"/>	<input type="text"/>	
ZIP code	City	Country
<input type="text"/>	<input type="text"/>	Select
Mobile phone	Office phone	Fax Number
Select <input type="text"/>	Select <input type="text"/>	Select <input type="text"/>

Invoice contact
Note: The invoice contact isn't itself mandatory, but if any field is given a value, then fields with asterisks must be filled.

First name	Last name	Title
<input type="text"/>	<input type="text"/>	<input type="text"/>
Email	Salutation	
<input type="text"/>	<input type="text"/>	
Street	PO box	
<input type="text"/>	<input type="text"/>	
ZIP code	City	Country
<input type="text"/>	<input type="text"/>	Select
Mobile phone	Office phone	Fax Number
Select <input type="text"/>	Select <input type="text"/>	Select <input type="text"/>

Technical contact

Note: The technical contact isn't itself mandatory, but if any field is given a value, then fields with asterisks must be filled.

First name	Last name	Title
<input type="text"/>	<input type="text"/>	<input type="text"/>
Email	Salutation	
<input type="text"/>	<input type="text"/>	
Street	PO box	
<input type="text"/>	<input type="text"/>	
ZIP code	City	Country
<input type="text"/>	<input type="text"/>	Select
Mobile phone	Office phone	Fax Number
Select	Select	Select

« Previous Next »

Create Organization Save

GENERAL ORGANIZATION TYPE TRADING SCHEME CONTACT SUMMARY

Organization summary

Organization name	Purchase order number	Business ID	Physical Person ID	Domain Hungary
Billing reference	Start date	End date		
Business address				
Street	PO box	ZIP code	City	
Country Hungary	Website			
Invoice address				
Street	PO box	ZIP code	City	
Country	Email			

« Previous

Gas Scheme

BACK TO ORGANIZATIONS

Create Organization

GENERAL ORGANIZATION TYPE TRADING SCHEME CONTACT SUMMARY

Organization Information

Organization name *	Start date *	End date
<input type="text"/>	day/month/year <input type="text"/>	day/month/year <input type="text"/>
<small>This field is required</small>	<small>This field is required</small>	
Domain *	Preferred contact language	
Hungary Gas	Select language	
Business ID *	Physical Person ID	Billing reference
<input type="text"/>	<input type="text"/>	<input type="text"/>
<small>This field is required</small>		
Purchase order number	Value Added Tax Number	
<input type="text"/>	<input type="text"/>	

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Business address

Street: PO box: Zip code:

City: Country: Website:

Invoice address

Street: PO box: Zip code:

City: Country: Email:

Locked: No Yes

Physical person: No Yes

Organization parameters:

- 4-eye approval required for cancellation
- 4-eye approval required for transfer
- 4-eye approval required for internal transfer
- User roles locked required for organization on user create or update

Organization Type

At least one organization type must be filled

Organization Type	Start date	End date	Edit
Select	day/month/year	day/month/year	Add Cancel

No records available.

The screenshot shows the 'Create Organization' form in the 'TRADING SCHEME' step. The breadcrumb trail is: HOME > BACK TO ORGANIZATIONS > Create Organization. The progress bar shows: GENERAL (selected), ORGANIZATION TYPE, TRADING SCHEME, CONTACT, and SUMMARY. The 'Trading Scheme' section contains the following text: 'At least one trading scheme must be filled'. Below this is an 'Add' button and a table with columns: 'Trading Scheme *', 'Start date *', 'End date', and 'Edit'. The 'Start date' and 'End date' fields have a date format of 'day/month/year'. There are 'Add' and 'Cancel' buttons at the end of the table. Below the table, it says 'No records available'. At the bottom of the form, there are 'Previous' and 'Next' buttons. The footer shows 'Support Portal | support@grexel.atlassian.net' and 'Grexit 2025'.

The screenshot shows the 'Create Organization' form in the 'CONTACT' step. The breadcrumb trail is: HOME > BACK TO ORGANIZATIONS > Create Organization. The progress bar shows: GENERAL, ORGANIZATION TYPE, TRADING SCHEME, CONTACT (selected), and SUMMARY. The 'Business contact' section contains the following text: 'Note: The business contact isn't itself mandatory, but if any field is given a value, then fields with asterisks must be filled'. Below this are input fields for: 'First name', 'Last name', 'Title', 'Email', 'Salutation', 'Street', 'PO box', 'ZIP code', 'City', 'Country' (with a dropdown menu), 'Mobile phone', 'Office phone', and 'Fax Number' (with a dropdown menu). The 'Invoice contact' section contains the following text: 'Note: The invoice contact isn't itself mandatory, but if any field is given a value, then fields with asterisks must be filled'. Below this are input fields for: 'First name', 'Last name', and 'Title'. The footer shows 'Support Portal | support@grexel.atlassian.net' and 'Grexit 2025'.

grexel.com/en/organizations/create

MEKH

28 October 2025 at 10:45:46 GMT+1

Home Reports Panels Users Organizations Issuing

ZIP code City Country

Mobile phone Office phone Fax Number

Select Select Select

Technical contact

Note: The technical contact isn't itself mandatory, but if any field is given a value, then fields with asterisks must be filled.

First name Last name Title

Email Salutation

Street PO box

ZIP code City Country

Mobile phone Office phone Fax Number

Select Select Select

Previous Next

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grexel.com/en/organizations/create

MEKH

28 October 2025 at 10:46:00 GMT+1

Home Reports Panels Users Organizations Issuing

BACK TO ORGANIZATIONS

Create Organization Save

CENTRAL ORGANIZATION TYPE TRADING SCHEME CONTACT SUMMARY

Organization summary

Organization name	Purchase order number	Business ID	Physical Person ID	Domain
new		4444		Hungary Gas
Billing reference	Start date	End date		
	01/10/2025			
Business address				
Street	PO box	ZIP code	City	
		444	444	
Country	Website			
Hungary				
Invoice address				
Street	PO box	ZIP code	City	
Country	Email			

Previous

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ANNEX 4 DEVICE REGISTRATION FORM

Electricity Scheme

Home
GENERAL
ORGANIZATION
METER
LICENSE
SUMMARY

- Home
- Reports
- Plants
- Users
- Organizations
- Issuing

General

Auto generate CSRN Use selected date range as default on all tabs

Start date time * End date time

day/month/year hour:minute day/month/year hour:minute

This field is required National ID

Production device name * This field is required

This field is required Description

Address

Street Zip code *

This field is required This field is required

City * Country *

This field is required Select

This field is required This field is required

Coordinates

Coordinate code

Select

Latitude N

Longitude E

Technology

Technology *

This field is required

Grid

Grid connected

Grid area code Description

Select This field is required

Energy source

Energy sources *

This field is required

« Previous
Next »

Home
< BACK TO PLANTS
Save
Print

GENERAL
ORGANIZATION
METER
LICENSE
SUMMARY

Organization

Note: Plants organization roles Registrant and Operator must be filled.

Add Organization

Role *	Organization *	Start date time *	End date time	Edit
No records available.				

« Previous
Next »

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< BACK TO PLANTS
Save
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GENERAL
ORGANIZATION
METER
LICENSE
SUMMARY

Meter

Note: Minimum one meter must be filled for a production device. The start date and end date must be within the responsible registrant period.

Add Meter

Grid reference *	Start date time *	End date time	Meter formula operator *	Meter coefficient *	Description	Edit
No records available.						

« Previous
Next »

GENERAL
ORGANIZATION
METER
LICENSE
SUMMARY

License Details

License type *	Trading scheme *	Allocation factor (%) *
<input type="text"/>	<input type="text"/>	<input type="text"/>
Earmark *	Investment support description *	Production support description
<input type="text"/>	<input type="text"/>	<input type="text"/>
Start date time *	End date time	Operational date *
<input type="text"/>	<input type="text"/>	<input type="text"/>

OWNERSHIP

Total ownership percentage must be 100%.
Organization and account housing account number relationship: If owner organization is selected the housing account numbers will be loaded based on owner organization and if both owner and aggregated organization are selected, the housing account numbers will be loaded based on aggregated organization.

Ownership percentage (%) *	Owner organization *	Aggregated organization	Issuing account number *
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

This field is required

[Add ownership](#)

ATTRIBUTES

No attributes

[Add another license](#)

ATTRIBUTES

Purpose *	Electrical capacity (MW) *	Energy medium *
<input type="text"/>	<input type="text"/>	<input type="text"/>
Electrical estimated annual production (MWh)	Product type *	Source
<input type="text"/>	<input type="text"/>	<input type="text"/>

[Add another license](#)

< BACK TO PLANTS
GENERAL
ORGANIZATION
METER
LICENSE
SUMMARY
Save

Register plant

Production Device summary

General Production device GSRN National ID End date time Description	GSRN will be auto generated Start date time * Production device name *
Coordinates Coordinate code Longitude E	Latitude N
Technology Technology *	Address Street City Zip code Country Hungary
Energy source *	Grid Grid connected * Yes Description Grid area code

[Previous](#)
[Next](#)

← BACK TO PLANTS

Plant Details

GSRN : 643002406624000117
Status : Created

Submit Delete

GENERAL ORGANIZATION METER LICENSE

Edit

General

Start date time * End date time
day/month/year hour:minute day/month/year hour:minute

Production device name * National ID

Description Declaration types

Production device GSRN *
643002406624000117

Coordinates

Coordinate code
Select

Address

Street * Zip code *
City * Country *
Hungary

Grid

Grid connected
Grid area code Description
Select

Gas Scheme

gmsOne | PRG - AIB-2025-HU-Domain P... | AIB-2025-HU-Domain Protocol | G-REX

gms.grexel.com/en/productiondevices/create

MEKH Könyvtár Ceginfo.hu VET - 2007. évi DOK... 389/2007. (XII. 23)... 2013. évi XXII. törv... Ákr. - 2016. évi CL L... 299/2017. (X. 17.) K... 62/2016. (XII. 28.) N... 215/2024. (VI. 29)... 1/2014. (III. 4.) MEK... E-402m) [E-építés... Adobe Acrobat

20 October 2026 at 10:43:26 GMT+1

gms.grexel.com

Home Reports Plants Users Organizations Licensing

GENERAL ORGANIZATION METER LICENSE SUMMARY

Auto generate GSRN Use selected date range as default on all tabs

Start date time * End date time
day/month/year hour:minute day/month/year hour:minute

Production device name * National ID

Description

Coordinates

Coordinate code
Select

Latitude N
Longitude E

Technology

Technology *
-

Address

Street * Zip code *
City * Country *
Hungary

Grid

Grid connected
Grid area code Description
Select

Energy source

Energy sources *

Support Portal support@grexel.lafusion.net

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10:48 2025.10.29.

The screenshot shows the 'Register plant' interface in the Grexel system. The 'ORGANIZATION' step is active. A table for adding organizations is displayed with the following columns: Role, Organization, Start date time, End date time, and Edit. The 'Role' column has a dropdown menu with 'Select' as the current option. The 'Organization' column has a text input field with the placeholder 'Type account holder name or ID'. The 'Start date time' and 'End date time' columns have date pickers and are pre-filled with 'day/month/year hour minute'. The 'Edit' column contains 'Add' and 'Cancel' buttons. Below the table, it states 'No records available.' Navigation buttons for 'Previous' and 'Next' are visible at the bottom of the table area.

The screenshot shows the 'Register plant' interface in the Grexel system. The 'METER' step is active. A table for adding meters is displayed with the following columns: Grid reference, Start date time, End date time, Meter formula operator, Meter coefficient, Description, and Edit. The 'Grid reference' column has a text input field. The 'Start date time' and 'End date time' columns have date pickers and are pre-filled with 'day/month/year hour minute'. The 'Meter formula operator' column has a dropdown menu. The 'Meter coefficient' column has a numeric input field with a value of '1.00'. The 'Description' column has a text input field. The 'Edit' column contains 'Add' and 'Cancel' buttons. Below the table, it states 'No records available.' Navigation buttons for 'Previous' and 'Next' are visible at the bottom of the table area.

grexel | MEKH

BACK TO PLANTS

Register plant

GENERAL ORGANIZATION NOTES LICENSE SUMMARY

License Details

License type *
Select

Trading scheme *

Allocation factor(%) *

Earmark *

Investment support description *

Production support description

Start date time *

End date time

Operational date *

Ownership

Total ownership percentage must be 100%.

Ownership percentage(%) *

Owner organization *

Aggregated organization

Issuing account number *

Attributes

Support Portal support@greelattoson.net

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grexel | MEKH

Attributes

Absolute gij emission saved

Absolute GSE emission saved calculation method

Absolute GSE emission saved unit

Additional info

Capacity gas production (GWh) *

Energy carrier *

Energy source advanced biomass feedback

Gas composition criteria

Gas type *

Gas usage

GSE emission produced

GSE emission produced calculation method

GSE emission produced unit

GSE emission savings criteria met

Module capacity (MW)

Module description

Module data operational

Source others

Pre connection support flag

Product type *

Storage lag *

Sustainability certification body

Sustainability additional info

Sustainability certificate met?

Sustainability requirement reference

Sustainability scheme

Sustainability scheme met?

Support Portal support@greelattoson.net

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Register plant

Production Device summary

Progress: GENERAL (1) | COORDINATES (2) | GRID (3) | ENERGY (4) | SUMMARY (5)

Section	Field	Value
General	Production device GSRN	G1000 will be auto generated
	National ID	Start date time * 2019/05/01 0:00
	End date time	Production device name * MEH
	Description	
Coordinates	Latitude N	
	Longitude E	
Address	Street	Zip code 330
	City	Country Hungary
Grid	Grid connected *	Grid area code
	Description	
Technology	Technology *	
	Energy source *	F1000000 - Renewable

Buttons: « Previous, Next »

ANNEX 5 EECS GO CERTIFICATE

Electricity Scheme

Transaction details

Transaction details		From account		To Account	
Transaction type Issuing	Status Completed	Organization name	Organization ID	Organization name	Organization ID
Transaction number	Volume 129 MWh	Domain Hungary	Domain code HU	Domain code HU
Transaction started	Transaction completed	Account number		Account number	
Message to Receiver	Standard EECS	Street	ZIP code	Street	ZIP code
		City	Country Hungary	City	Country Hungary

Certificate Number (From-To)	Volume	Unit	Production period	Issuing date	Issuing country	Issuing body	Trading schemes	Earmark	Plant name and GSRN	Operational date	Energy source code and name	Technology code and name
	129	MWh			HU	MEKH	GO	No support			F01000000 - Renewable	T050000 - Thermal

Certificate Number (From-To)	Volume	Unit	Production period	Issuing date	Issuing country	Issuing body	Trading schemes	Earmark	Plant name and GSRN	Operational date	Energy source code and name	Technology code and name

Gas Scheme

The screenshot displays the Grexel web interface. The top navigation bar includes 'Home', 'Reports', 'Plants', 'Users', 'Organizations', and 'Issuing'. The main content area is titled 'Transaction Details' and is divided into three sections: 'Transaction details', 'From account', and 'To account'.

Transaction details:

- Transaction type: Issuing
- Status: Completed
- Transaction number: 2025100700000006
- Volume: 231 MWh
- Transaction start time: 07/10/2025, 13:41
- Transaction completion time: 07/10/2025, 13:41
- Transaction requested: 07/10/2025, 13:41
- Message to Receiver
- Standard: HU_ENERGY_GAS

From account:

- Organization name: DianaTesi40250624_2
- Organization ID: SEKCS0704
- Business ID: 333333333
- Domain: Hungary Gas
- Account number: 6430024068000006
- City: Pecs
- Country: Hungary

To account:

- Organization name: DianaTesi40250624_2
- Organization ID: SEKCS0704
- Business ID: 333333333
- Domain: Hungary Gas
- Account number: 6430024068000006
- City: Pecs
- Country: Hungary

Transaction certificates table:

Vol	Unit	Energy source code	Energy source name	Technology code	Technology name	Earmark	Production plant name	GSRN	Operational date	Trading schemes	Production end date	Absolute CH4 emission saved calculation method	Absolute CH4 emission saved unit	Capacity gas production	Energy source advanced by feedback
62	MWh	F9103021	RenewableGas... gasPig manure	TQ2000	Biogeo/Saafica...	No support	DianaTesi	643002406800	01/06/2025	HU_ENERGY_GAS_GO	06/10/2025			30000	
7	MWh	F9103031	RenewableGas... gasPig manure	TQ2000	Biogeo/Saafica...	No support	DianaTesi	643002406800	01/06/2025	HU_ENERGY_GAS_GO	06/10/2025			30000	
145	MWh	F9103041	RenewableGas... from organic waste digestion/Organic waste unspecified	TQ2000	Biogeo/Saafica...	No support	DianaTesi	643002406800	01/06/2025	HU_ENERGY_GAS_GO	06/10/2025			30000	
15	MWh	F9103041	RenewableGas... from organic waste digestion/Organic waste unspecified	TQ2000	Biogeo/Saafica...	No support	DianaTesi	643002406800	01/06/2025	HU_ENERGY_GAS_GO	06/10/2025			30000	



ANNEX 6 PRODUCTION/CONSUMPTION DECLARATION

Electricity Scheme

Gas Scheme

8 April 2026 at 10.29.39 GMT+2
Nikoletta Nagy
MEKH (98XIBHUGA9)
Hungary Gas

- Home
- Reports
- Plants
- Users
- Organizations
- Issuing

Plant

GSRN 643002406698000044	National ID
Name DianaTest1	Responsible registrant 98XC3C07BH - DianaTestAH20250624_2

Declaration

Start date time 01/06/2025, 0.00	End date time 02/01/2027, 0.00
Status Issued	Declaration

[Edit end date](#)

Energy source declaration

[Edit declaration](#)

Percentage	Energy source code	Energy source name	Description
30%	F01030301	Renewable/Gaseous/Agricultural gas/Pig manure	
70%	F01030401	Renewable/Gaseous/Gas from organic waste digestion/Organic waste	



Annex 7 EECS Cancellation Statement Electricity Scheme

Cancellation Statement

This cancellation statement acts as a receipt for the certificates listed below and for the purpose shown. With this Cancellation Statement, released on the Transaction Date, the indicated certificates are no longer tradable. Onward sale of this Cancellation Statement is prohibited. The environmental qualities of the associated energy have been consumed and this Cancellation Statement and these certificates may not be transferred to any party other than the energy supplier or end-consumer specified below.
This cancellation statement is valid without the signature and can be exported from the registry only after the approval of MEKH.



Transaction details		From account		Beneficiary	
Transaction type Cancellation	Status Completed	Organization name	Organization ID	Name of Beneficiary	Country of consumption Hungary
Transaction number	Volume 150 MWh	Domain Hungary	Domain code HU	Organization ID	Location of beneficiary
Transaction started	Transaction completed	Account number		Consumption period	Usage type
Public Statement No	Standard EECS	Street	ZIP code	Cancellation purpose	Type of beneficiary End consumer
		City	Country Hungary		



EECS DOMAIN PROTOCOL
[MEMBER] – [DOMAIN]



Certificate Number (From-To)	Volume	Unit	Production period	Issuing date	Issuing country	Issuing body	Trading schemes	Earmark	Plant name and GSRN	Operational date	Energy source code and name	Technology code and name
	150	MWh					GO	No support			F01050200 - Renewable/Mechanical source or other/Hydro and marine	T030100 - Hydro-electric head installations/Run-of-river head installation

Gas Scheme

Browser tabs: DMSOne, PRG - AIB-2025-HU-Domain Pr..., AIB-2025-HU-Domain Protocoll..., G-REX

Address bar: demo.grexel.com/en/reports/cancellations/20250625000003132

Search: Személyazonosság igazolása

MEKH Könyvtárak, Céginfo.hu, VET - 2007. évi LXX..., 389/2007. (XII. 23.)..., 2013. évi XXII. törvé..., Ákr. - 2016. évi CL. t..., 299/2017. (X. 17.) K..., 62/2016. (XII. 28.) N..., 215/2024. (VII. 29.)..., 1/2014. (III. 4.) MEK..., E-közmű | E-építés..., Adobe Acrobat

grexel logo

28 October 2025 at 10:58:24 GMT+1

Dlóna Árk! MEKH (98XIBHUGA9) Hungary Gas

- Home
- Reports
- Plants
- Users
- Organizations
- Issuing

< BACK TO CANCELLATIONS

Cancellation Statement

Expand rows

This document certifies that the specified Guarantees of Origin have been cancelled for the benefit of the specified receiver and for the period and purpose specified herein. The environmental qualities of the associated energy have been consumed and this Cancellation Statement and these certificates may not be transferred to any party other than the energy supplier or endconsumer specified below. Onward sale of this Cancellation Statement is prohibited. Cancelled Guarantees of Origin cannot be transferred to other account holders.



Transaction details		From account		Beneficiary	
Transaction type Cancellation	Status Completed	Organization name DianaTestAH20250624_2	Organization ID 98XC3C07BH	Name of Beneficiary Test33	Country of consumption Hungary
Transaction number 20250625000003132	Volume 20 MWh	Business ID 333333333	Domain Hungary Gas	Location of beneficiary Szeged	Consumption period 01/06/2025 - 16/11/2025
Transaction start time 25/06/2025, 15.16	Transaction completion time 25/06/2025, 15.17	Domain code HU-GAS	Account number 643002406690000066	Usage type Storage	Cancellation purpose storage
Transaction requested 25/06/2025, 15.16	Standard HU_ENERGY_GAS	Street	City Pécs	Type of beneficiary Storage system	
Public Statement No		ZIP code 1105	Country Hungary		

Volu...	Unit	Certificate number start	Certificate number end	Issuing body	Energy source ...	Technology code	Production ...	Production ...	Issue date	Trading schemes
20	MWh	64300240669810000000000016157	64300240669810000000000016176	MEKH	F01030401	TG20000	01/06/2025	24/06/2025	25/06/2025	HU_ENERGY_GAS_GO

1 - 1 of 1 items

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