EECS

DOMAIN PROTOCOL

FOR

MEKH – HUNGARY

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1	First iteration of the Domain Protocol
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ABBREVIATIONS

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
CHP	High efficient cogeneration
CHP Decree	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
Date of Entry	The date when the Hungarian Energy and Public Utility Regulatory Authority (MEKH) enters the EECS Scheme, namely: 1st February 2022
Date of Hub connection	The date when the Hungarian Energy and Public Utility Regulatory Authority (MEKH) becomes 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
EECS GO	EECS Guarantee of Origin
Electricity Act	Act LXXXVI of 2007 on electricity (latest modified 23.12.2024. by Act. LXXXIX. 2024.)
EMD19	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
GO Decree	Gov. Decree 420/2024. (XII. 23.) on the Guarantees of Origin certifying the origin of electricity

HUPX	HUPX Hungarian Power Exchange Company Limited by Shares
MEKH	Hungarian Energy and Public Utility Regulatory Authority
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 take-over price of electricity generated from renewable energy sources or waste and cogenerated electricity
METÁR	Hungarian Renewable Energy Support System support under Gov. Decree 299/2017. (X. 17.) on mandatory take-over and premium support for electricity from renewable energy sources
Public Administration Act	Act CL of 2016 on General Public Administration Procedures
RED18	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
RES	Renewable Energy Sources
TSO	Transmission System Operator
PD	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 nonmechanical device that converts sunlight directly into electricity.
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

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

B.1.1 This Domain Protocol sets out the procedures, rights and obligations, which apply to the Domain of Hungary and relate to the EECS Electricity Scheme as defined in the EECS Rules.

B.1.2 PD qualification for this Domain will be determined by connection to the electricity system of Hungary such that, in electrical terms, the Production Device 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**) relating to the following EECS Product:

- EECS Guarantee of Origin (hereafter **EECS GO**) for electricity produced from renewable energy sources (hereafter **RES**), electricity produced from nuclear energy sources (hereafter **NES**), electricity produced from high efficient cogeneration (hereafter **CHP**) and electricity produced from 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 CHP 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.

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

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

B.1.6 No Non-Governmental Certificates exist in Hungary. No EECS GOs are issued in combination with an Independent Criteria Scheme in Hungary.

B.1.7 There are monthly auctions for EECS GOs organized by HUPX Hungarian Power Exchange Company (hereafter **HUPX**).

B.2 Status and Interpretation

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

B.3.1 The Authorised Issuing Body for EECS GOs in Hungary is MEKH, appointed by Section 6/A and 6/B of Act LXXXVI of 2007 on electricity (hereafter **Electricity Act**). Its role is to administer the Registry and interface with the EECS Transfer System.

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 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 The Registry is provided by Grexel Systems Oy (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.

B.3.6 HUPX is the organizer of monthly auctions for EECS GOs. Besides, HUPX is a licensee of MEKH as the operator of the organized electricity market.

B.3.7 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:

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

C OVERVIEW OF NATIONAL LEGAL AND REGULATORY FRAMEWORK

C.1 Energy Market context for electricity

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, 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.2 The EECS Framework

C.2.1 For Hungary, the relevant local enabling legislation is as follows:

C.2.1.1 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 **RED18**) 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%3A32018L2001&qid=1672823615494

https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32019L0944

C.2.1.2 The provisions of the Directives have been implemented into the Hungarian law as follows.

- Electricity Act

  https://net.jogtar.hu/jogszabaly?docid=a0700086.tv

- Gov. Decree 420/202413. (XII.23.) on the guarantee of origin certifying the origin of electricity (hereafter **GO Decree**) regulates the issue, transfer, cancellation, supervision and control of Guarantees of Origin for RES, NES or CHP electricity, as well as recognition in Hungary of Guarantees of Origin issued by other Member States.

- https://net.jogtar.hu/jogszabaly?docid=A2400420.KOR&searchUrl=/gyorskereso?keyword%3D420/2024 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 **CHP Decree**) contains the criteria for CHP qualification of a PD.

  https://net.jogtar.hu/jogszabaly?docid=a0700110.gkm

- 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.

  https://net.jogtar.hu/jogszabaly?docid=a1600063.nfm

C.2.2 MEKH has been properly appointed as an Authorised Issuing Body for EECS GO under Hungarian Electricity Act and GO Decree.

C.2.3

- 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

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.

C.3.2 The legislation and regulation for disclosure are available on *[link]*. The methodology and process for disclosure are as follows: see section C.3.6. 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**).

https://net.jogtar.hu/jogszabaly?docid=a0800006.khe

C.3.3 The methodology of the residual mix calculation is as follows: see section C.3.6.

C.3.4 Cancelation for usage in another Domain (i.e., Ex Domain Cancellations) are allowed under the following restrictions:

The MEKH will decide in official process on request:

- approves request within 75 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 CHP GOs related in points E2.14-15.)
  - confirmation the from Issuing Body in the Domain approving the data provided or providing additional data to meet the EECS Rules
  - if accepted then the cancellation will be fulfilled and the cancellation details recorded in an offline database (Excel® sheet) to be reported to AIB periodically.
  - If the GO does not contain all of data needed, the cancellation will be declined and reported to AIB.

C.3.5 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) or available elsewhere for the purchaser of electricity, the share of primary energy sources that have been used to produce the electricity supplied.

C.3.6 There are three mechanisms that shall be used for electricity 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.3.7 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.3.8 Main steps and deadlines in disclosure process:

- MEKH determines domestic residual mix (energy mix of domestic generated part of electricity 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.3.9 EECS GOs may be used by suppliers for disclosure.

C.3.10 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.3.11 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

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 es 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.5 EECS Product Rules

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 it is specified in D.3.1.

C.7.2 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 a PD 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 in 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

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:

http://www.mekh.hu/forgalmi-szamla

D.1.1.1 D.1.1.1 The TSO, the universal service provider, the electricity traders of household devices and HUPX are obliged to open 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 Account Holder may initiate the completion of the Agreement. The Agreement is 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 be D.1.3.

According to the GTCs (attached to the Agreement) a foreign client must attach the following documents:

- Articles of Association of the entity
- Certificate of Incorporation dated within 30 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 together guarantee that the foreign client has the authority to sign.

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 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 Required for contracting with a legal entity and an entity without legal personality:

- deed of foundation or statues or deed of association,
- certified copy of a Company Statement which is not older than 30 days or court certificate of existence of the organization which is not older than 30 days,
- the identity document of the person who is represented and is authorized to sign.

D.1.3.4 MEKH replies to the Account Holder or representative within 30 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 days from the effective date of the Agreement. The Account Holder has to pay the yearly an account management fee of the chosen category to MEKH within 8 days from the effective date of the Agreement. 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.1.4 The Agreement comes into effect on the date of receipt of the signed Agreement. The Agreement shall be valid for an unlimited period.

D.1.5 If any data given in the Agreement or on the Account changes, the Account Holder or representative must inform MEKH within 5 days.

D.1.6 Tariffs for Account transactions and Account management fees are published at the website of the MEKH:

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

D.2 Resignation of an Account Holder

D.2.1 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 days from the date of receipt by MEKH.

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

D.3.1 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;
- 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 CHP 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 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.3.2 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.3.3 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.3.4 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 CHP, off grid PDs and Storage System, regardless of any licence or support scheme participation.

D.3.4.1 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 CHP electricity.

D.3.4.2 The request for the qualification of the PDs may be submitted after the start of commercial operation.

D.3.4.3 The request for qualification 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 CHP 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_szamitasara_vonatkozo_segedlet_v3.xlsx.

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

D.3.4.4 The documents below shall be attached to any request:

- 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.3.2.3., 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.3.4.5 CHP 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 CHP 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.3.4.6 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 CHP Decree.

D.3.5 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.3.5.1 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.3.5.2 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.3.5.3 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.3.5.4 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.3.5.5 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.3.5.6 MEKH checks whether a PD is in receipt of (or has previously been received) a fixed rate support according to section C.3.1. 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.

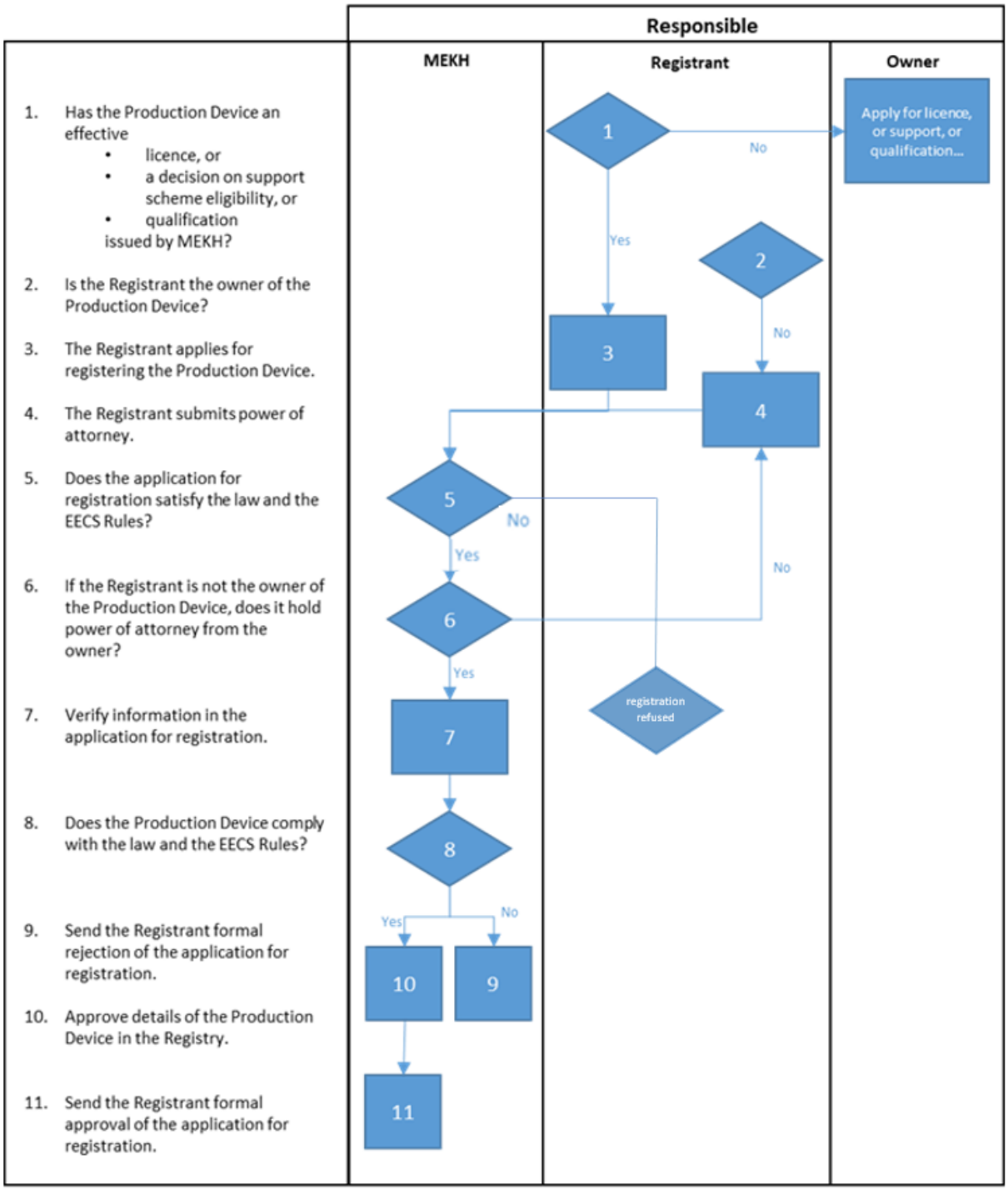
D.3.5.7 If the PD satisfies the Hungarian laws and the EECS Rules, and if the data of the PD provided by the Registrant correspond to the data that are set in the effective decision of MEKH on the PD (see D.3.1-4. on licence, support scheme eligibility or qualification decision), MEKH approves registration 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.

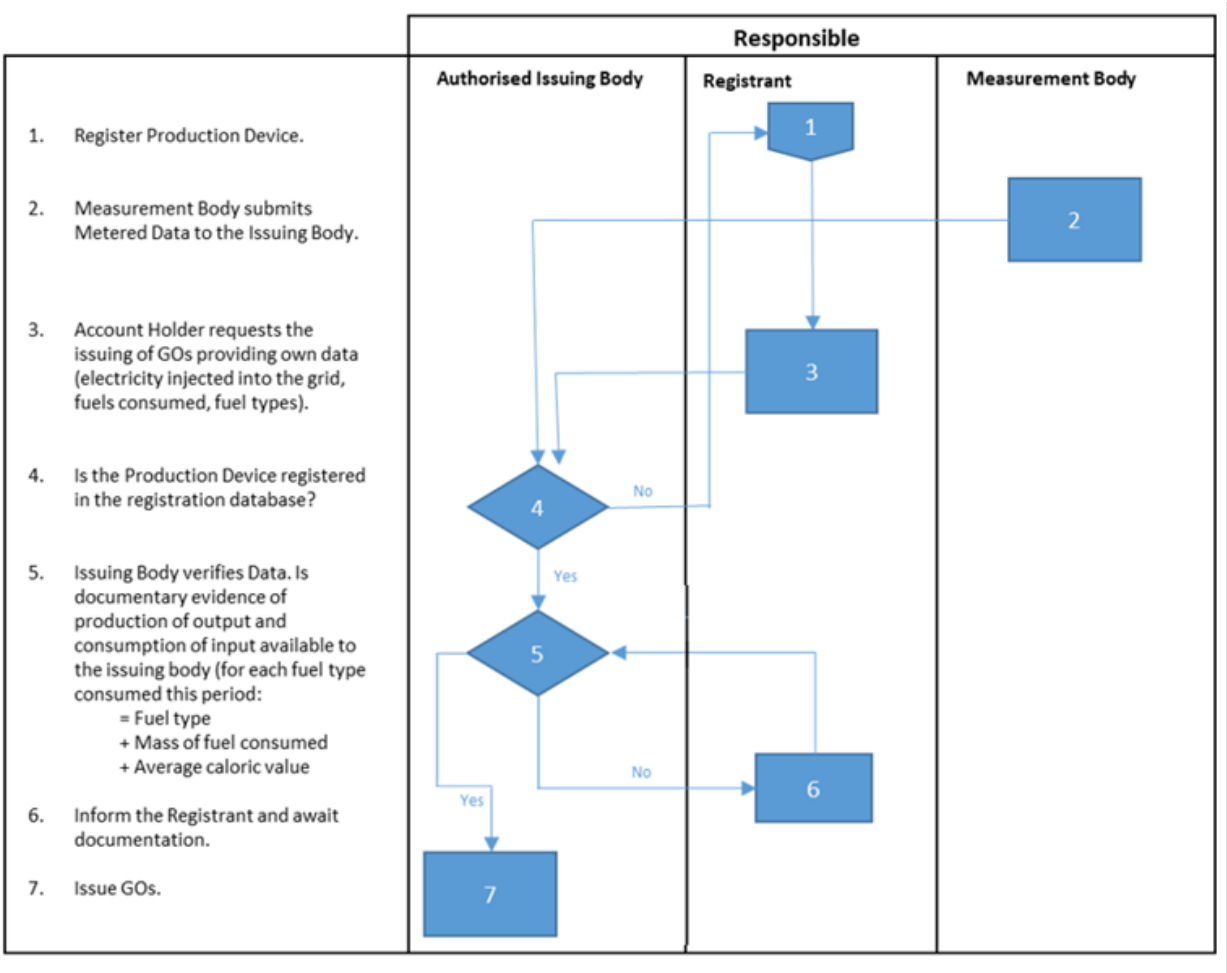
When the PD is activated, MEKH informs the registrant accordingly. The deadline of MEKH for the registration (set in the Agreement) is 30 days.

D.3.6 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.3.7 When re-registering a 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.4 De-Registration of a Production Device

D.4.1 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 days from the date of receipt by MEKH.

D.4.2 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

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.3.

D.5.2 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.

D.5.2.1 The deadline for notification:

- no less than 30 days prior to any planned change and
- in no more than 5 days after becoming aware of any change which may not be planned in advance to the MEKH.

D.5.2.2 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.

D.5.3 In case of capacity increase the existing PD is updated in the Registry.

D.5.4 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

D.6 Audit of Registered Production Devices

D.6.1 The period between inspections of a Production Device will not exceed 5 years.

D.6.2 Refusal to permit access to a Production Device may be considered a breach of the Standard Terms and Conditions.

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.

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.6.8 The period between inspections of a PD will not exceed 5 years. The inspection may be onsite audit or on the basis of data and documents.

D.6.8.1 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 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 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 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.

D.6.11 MEKH can check at any time a registered PD to determine whether the electricity is generated from a renewable energy source and whether the measurement of the produced electricity and EECS Domain Protocol other measures necessary for the production from renewable energy sources as mentioned in the application file, corresponds with reality.

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.

D.7 Registration Error/Exception Handling

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 Account Holder or producer submits on application to delete the registration, MEKH deletes the registration in 15 days.

E CERTIFICATE SYSTEMS ADMINISTRATION

E.1 Issuing EECS Certificates

E.1.1 GOs can only be issued for PDs qualified and registered in the Registry.

E.1.2 An EECS GO shall be issued per unit of electricity produced from renewable energy sources (RES GO) nuclear energy sources (NES) or high efficient cogeneration (CHP GO) and supplied (injected) to the electricity grid, used off-grid or stored. No EECS GO shall be issued for electricity consumed for producer's own needs as auxiliary electricity. The face value of one (1) GO is one (1) MWh. 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.3. 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.

E.1.3 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.4.1.

We can only issue a GO 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 Accountholder has access to the details of the GOs in the registry (G-REX).

E.1.4 GO Certificate template is inserted in Annex 5.

E.2 Processes

E.2.1 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.2.2 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.2.3 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.2.4 The Account Holder has an account set up with Production Devices listed under the account.

E.2.5 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.2.6 The Account Holder automatically receives from MEKH the GOs, within 30 days of receipt of the metered data.

E.2.7 .

~~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.2.8 In case of a request for CHP 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 CHP 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
- CHP Hη is the heat production efficiency of cogeneration
- Ref Hη is the efficiency reference value for separate heat production
- CHP Eη is the efficiency of electricity production from cogeneration
- Ref Eη is the efficiency reference value for separate electricity production.

E.2.9 Issued EECS GOs are deposited into the Account(s) nominated by the Registrant of the Production Device.

E.2.10 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.2.11 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 cover the costs of the KÁT scheme.

E.2.12 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 RED18. 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.2.13 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.

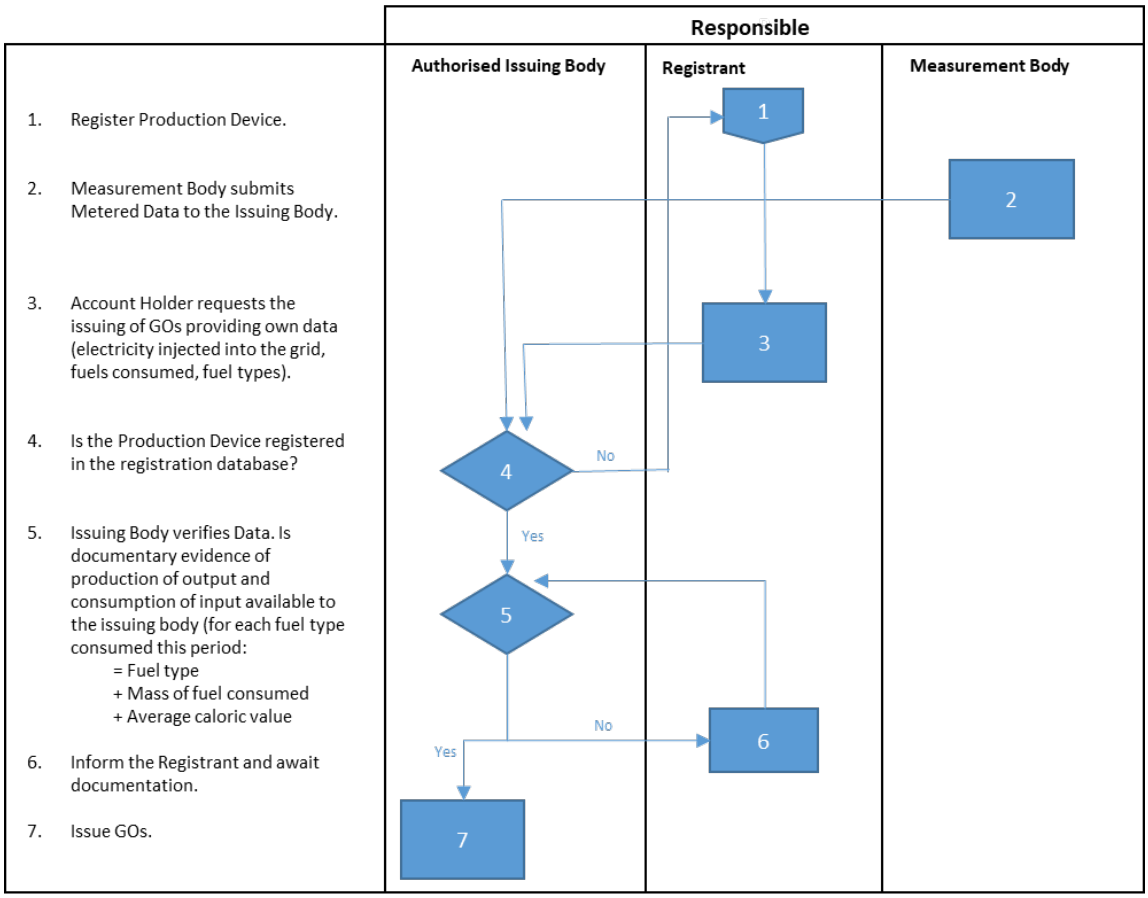
E.2.14 RES and NESGOs shall contain the following data:

- 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.2.15 CHP 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 Measurement

E.3.1 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.3.2 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.

E.4 Energy Storage

E.4.1 Energy leaving an energy storage PD should be audited and qualified by MEKH for the issuing of GOs.

E.4.2 There are no pumped storage facilities in Hungary.

E.5 Energy Carrier Conversion

E.5.1 In the Hungarian domain there are separate GOs for electricity .

E.6 Combustion Fuel (e.g., Biomass) Input and Production Devices with multiple energy inputs

E.6.1 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.6.2 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:

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

Where

- M^1 is the mass of the relevant Energy Input for that Production Device during the relevantperiod

- 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.6.3 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.7 Format

E.7.1 EECS Certificates shall be Issued in such format as may be determined by AIB from time to time.

E.7.2 The following information is recorded on the 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? *Yes (always) / No / On Request of Producer*	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	No		C3.5.5 b

	determining the CFP			
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-Use of Gas (only if cancellation is restricted to this end-use)	No		O8.1.1 f
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

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

E.8 Transferring EECS Certificates

E.8.1 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.

E.8.2 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.8.3 Only EECS GOs can be transferred to and from the Registry.

E.8.4 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.8.5 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.8.6 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.8.7 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.8.8 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.8.9 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.8.10 EECS GOs that have been cancelled, withdrawn or expired are not available for transfer.

E.8.11 HUPX organizes monthly auctions for EECS GOs.

E.8.11.1 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.8.11.2 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.8.12 Any further information about the auctions can be found on the HUPX website (www.hupx.hu).

E.9 Administration of Malfunctions, Corrections and Errors

E.9.1 Once issued, the details of an EECS GO cannot be altered or deleted except to correct an error.

E.9.2 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.9.3 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.9.4 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.9.5 MEKH shall correct all errors in, or with respect to, that EECS GO and any errors replicated in EECS GOs split from it, provided that such EECS GO(s) have not been transferred out of that Transferable Account.

E.9.6 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.9.7 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.10 End of Life of EECS Certificates – Cancellation

E.10.1 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.10.2 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		
Conversion Issuance (EECS C3.2.2 b)			
Storage Issuance (EECS C3.2.4 a.ii)	X		

E.10.3 GOs can be used solely for the purpose of disclosure. Both 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.10.4 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 is 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.10.5 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.10.6 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.10.7 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.10.8 Cancellation Statement template is inserted in Annex 7.

E.10.9 Having performed a cancellation, the Account Holder receives confirmation of a successful or failure cancellation process instantly in the Registry.

E.11 End of Life of EECS Certificates – Expiry

E.11.1 EECS Certificates cease to be valid for transfer eighteen months after the end of the period during which the Output to which they relate was produced.

E.11.2 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.11.3 EECS GOs automatically expire 18 months after the end of the related production period.

E.11.4 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.12 End of Life of EECS Certificates – Withdrawal

E.12.1 EECS GOs which have been withdrawn are no longer valid for transfer nor cancellation.

E.12.2 MEKH may withdraw an 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.

F ISSUER'S AGENTS

F.1 Production Auditor

F.1.1 As the Competent Authority for Guarantees of Origin in Hungary, MEKH acts as the Production Auditor and conducts inspections of Production Devices.

F.2 Production Registrar

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

F.3.1 The Authorised Measurement Bodies are the DSOs and the TSO. See more details in B.3.5 and Annex 1.

G ACTIVITY REPORTING

G.1 Public Reports

G.1.1 For each technology, statistical information are 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

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 Holder, Production Device, transaction and certificate information.

G.3 Orderly Market Reporting

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.

G.3.2 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

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

H.2.1 An Account Holder is allowed to notify the Secretary General of AIB in writing in case:

a) an Authorised Issuing Body in relation to an EECS Certificate is in breach of any of the provisions of Product Rules in relation to EECS Certificate; or

b) 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

I.1.1 An Account Holder may file complaints against MEKH by sending an e-mail. 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

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 Change Requests

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.

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

Company name	MEKH Hungarian Energy and Public Utility Regulatory Authority
Contact person	Vedres Péter
Department	Department of Electricity Price and Regulation
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

Company name	Grexel Systems Oy
Contact person	Markus Klimscheffskij
Address	Lautatarhankatu 6, FI-00580 Helsinki, Finland
Phone number	+358 9 42413169
E-mail address	markus.klimscheffskij@grexel.com
Website	https://grexel.com/

MEASUREMENT BODIES

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	

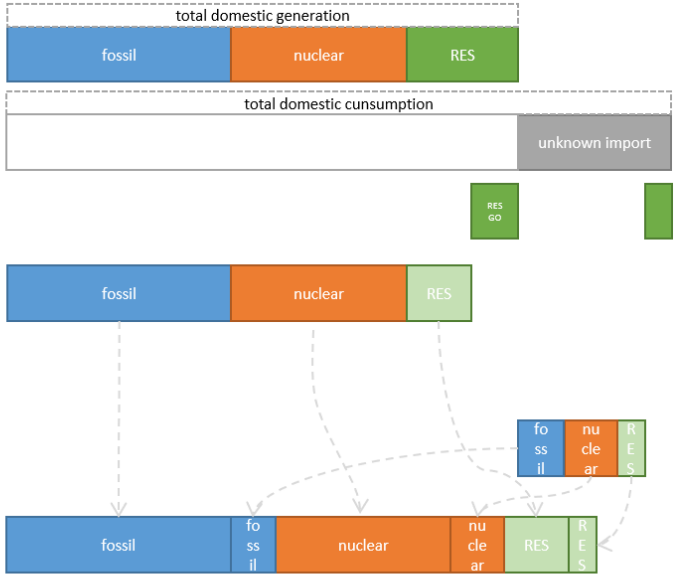
Company name	MVM Démász Áramhálózati Kft.
Address	H-6724 Szeged, Kossuth Lajos sugárút 64-66.
E-mail address	
Website	

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

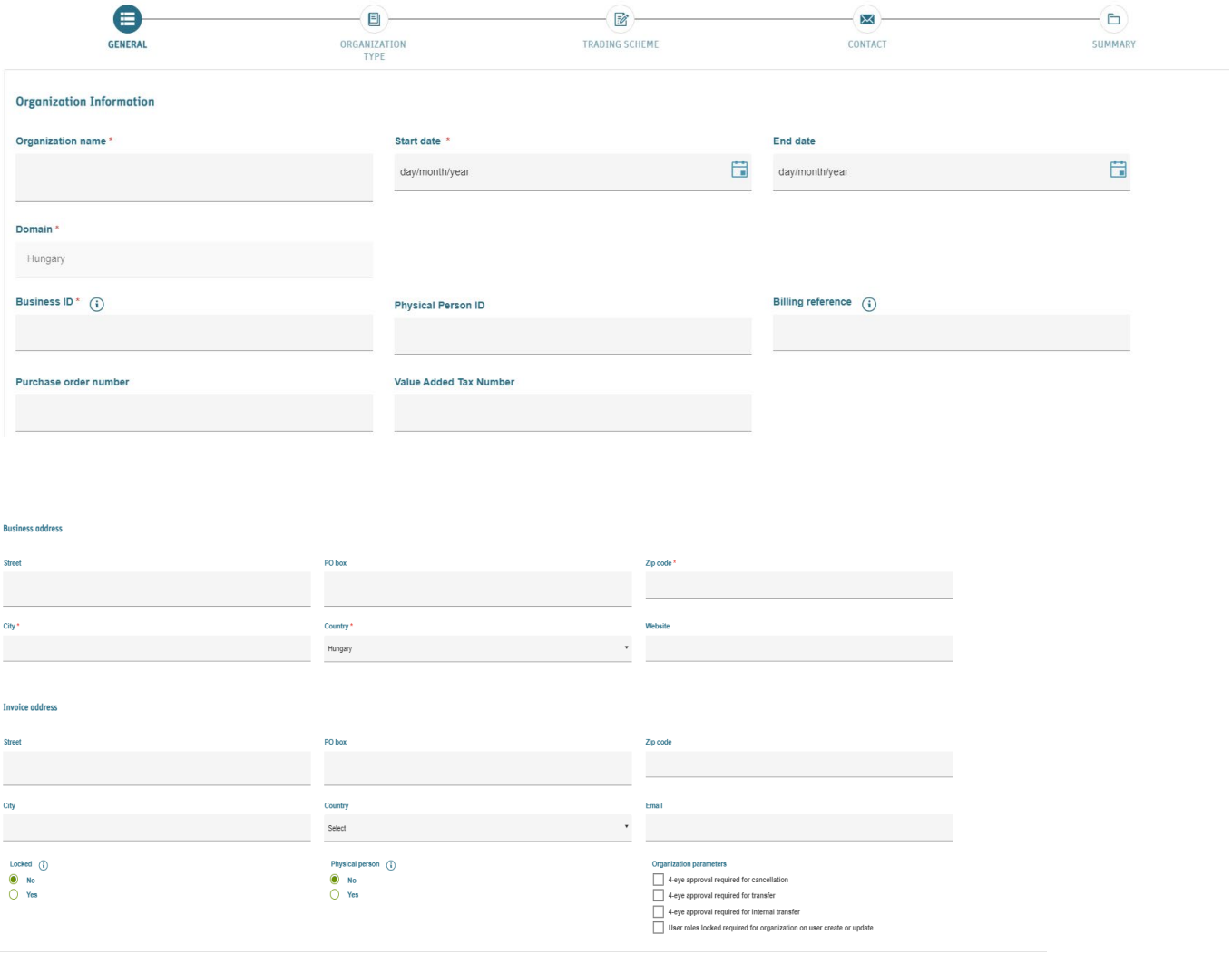
Company name	OPUS TITÁSZ Áramhálózati Zrt.
Address	H-4024 Debrecen, Kossuth u. 41.
E-mail address	opustitasz@opustitasz.hu
Website	

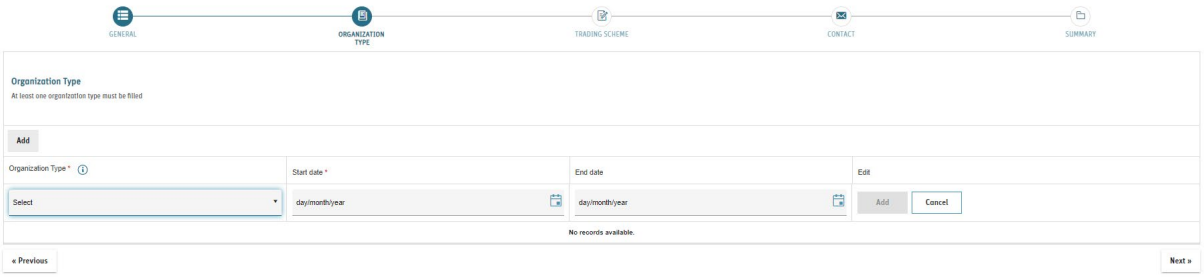
ANNEX 2 DISCLOSURE RESIDUAL MIX CALCULATION PROCESS

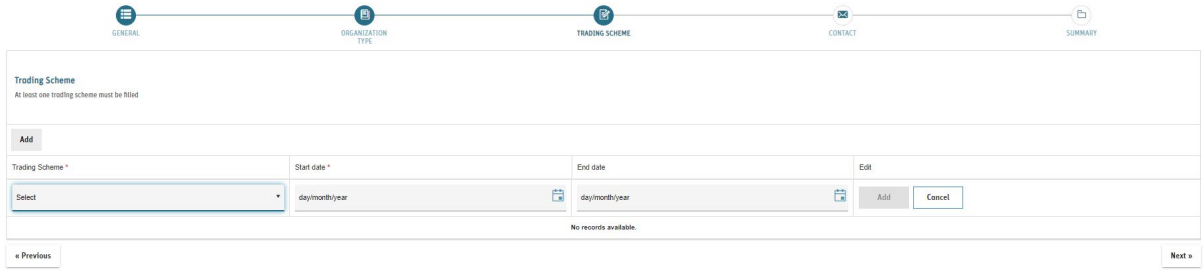
#	Responsible party	Task	Deadline
1.	HEA	determining the **energy mix of domestic net electricity generation** for year X	1st April year X+1
2.	HEA	determining **gross electricity consumption and annual electricity exchange balance** for year X	1st April year X+1
3.	HEA	determining the **amount of domestic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

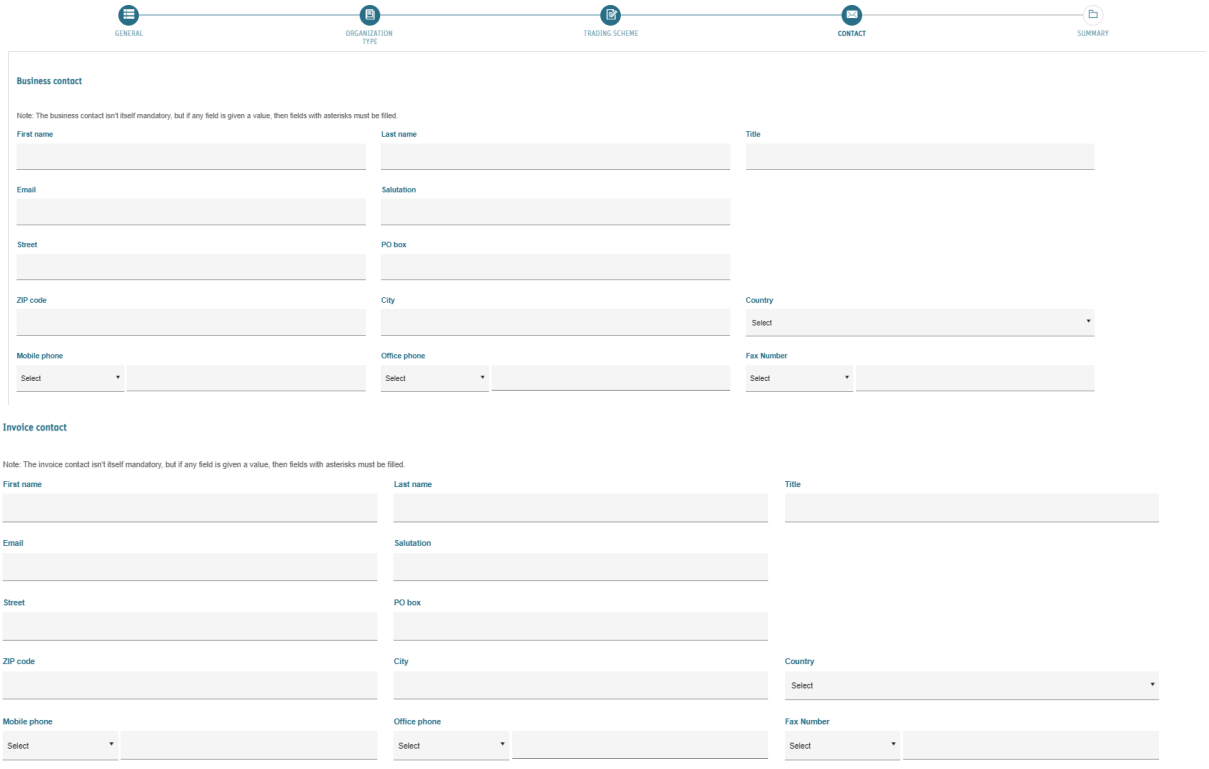


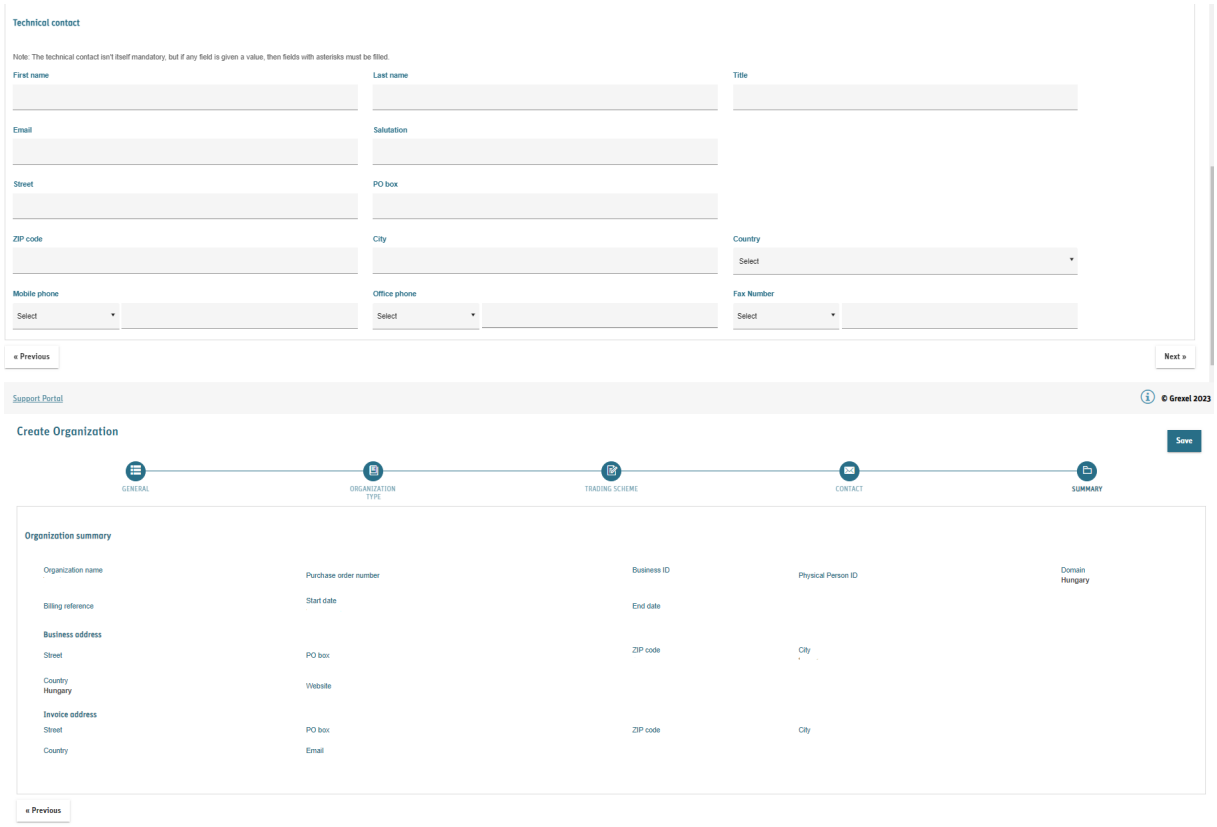
ANNEX 3 ACCOUNT APPLICATION/AMENDMENT FORM



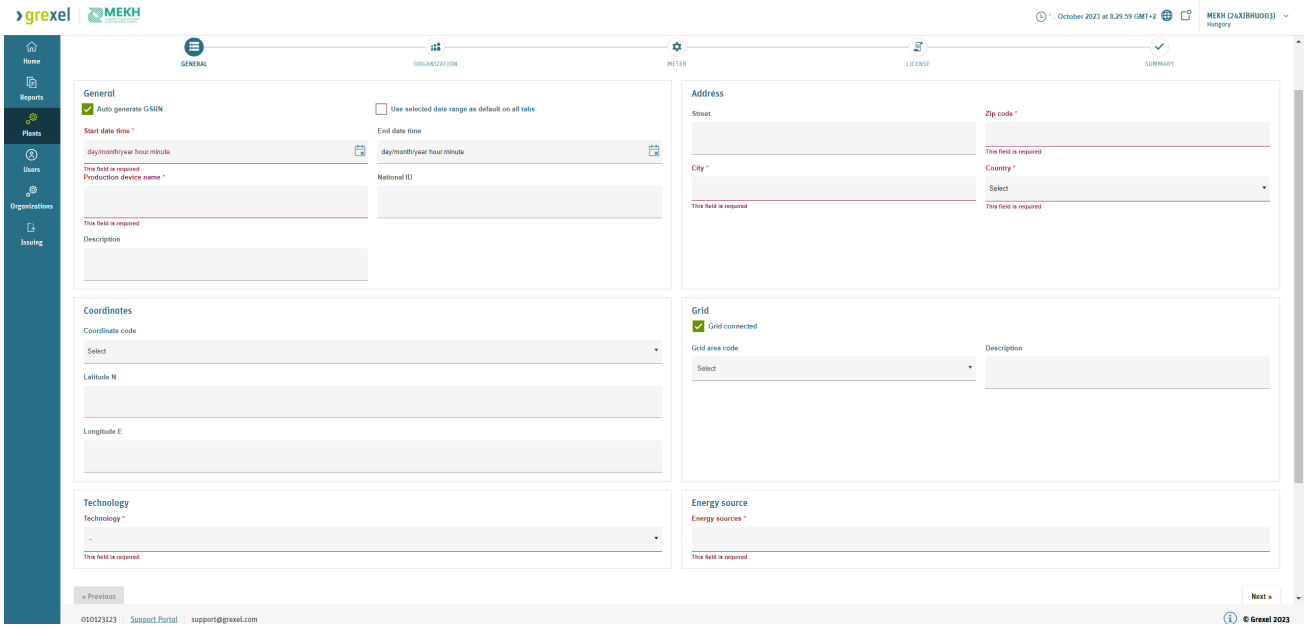


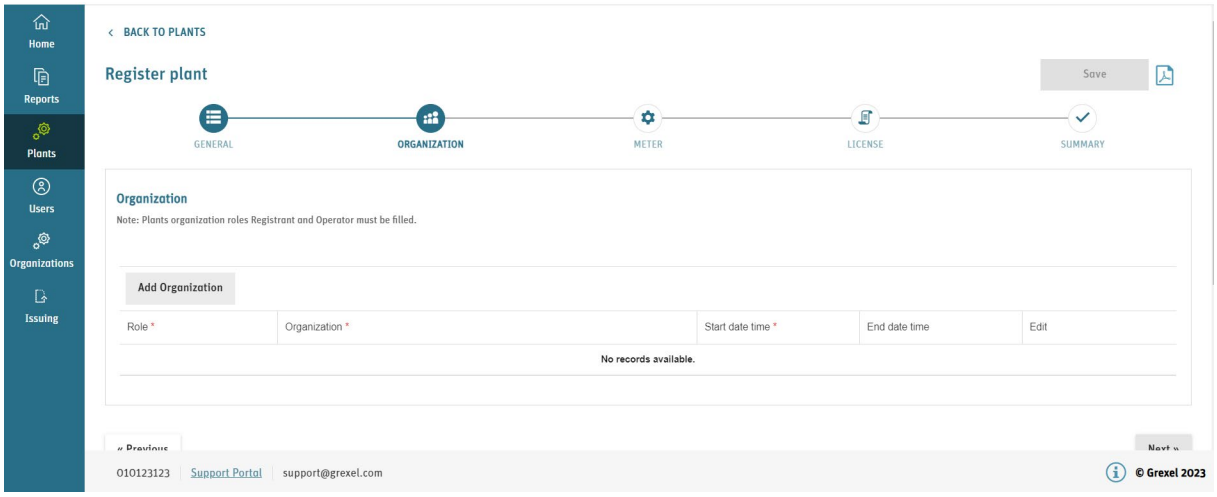


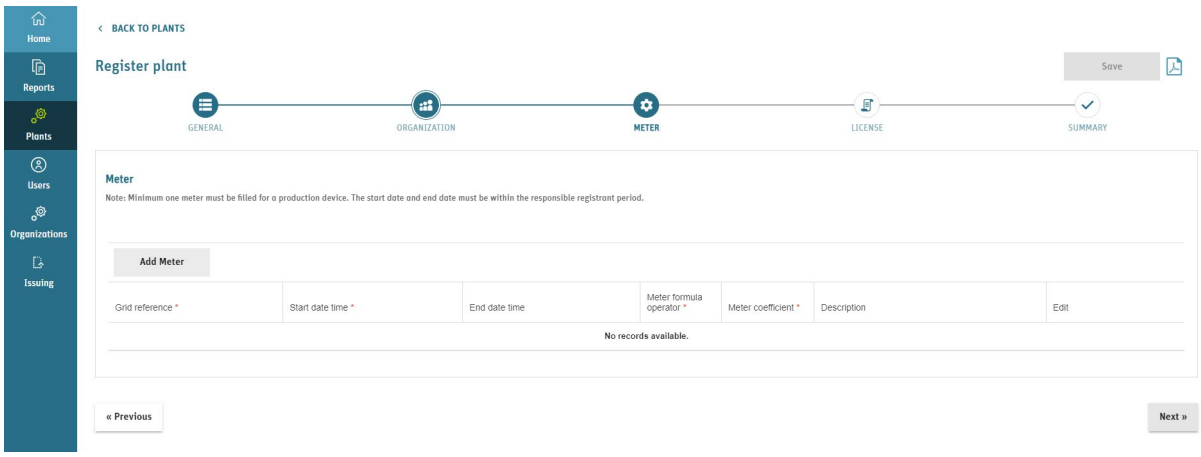


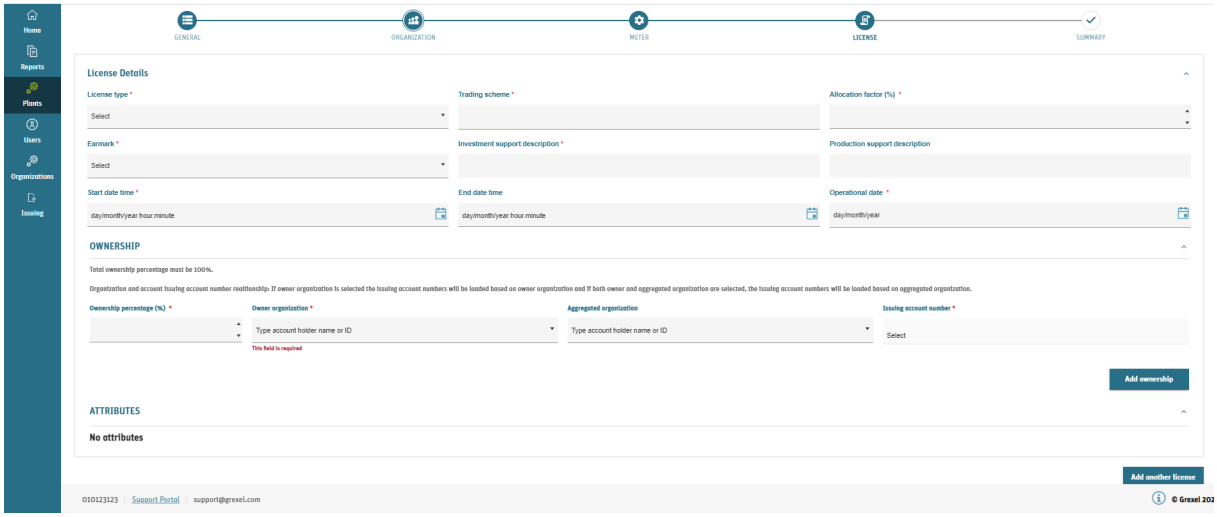


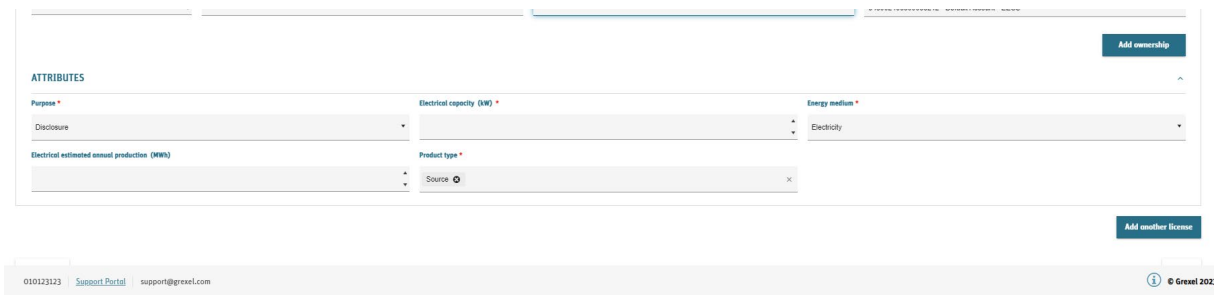
ANNEX 4 DEVICE REGISTRATION FORM

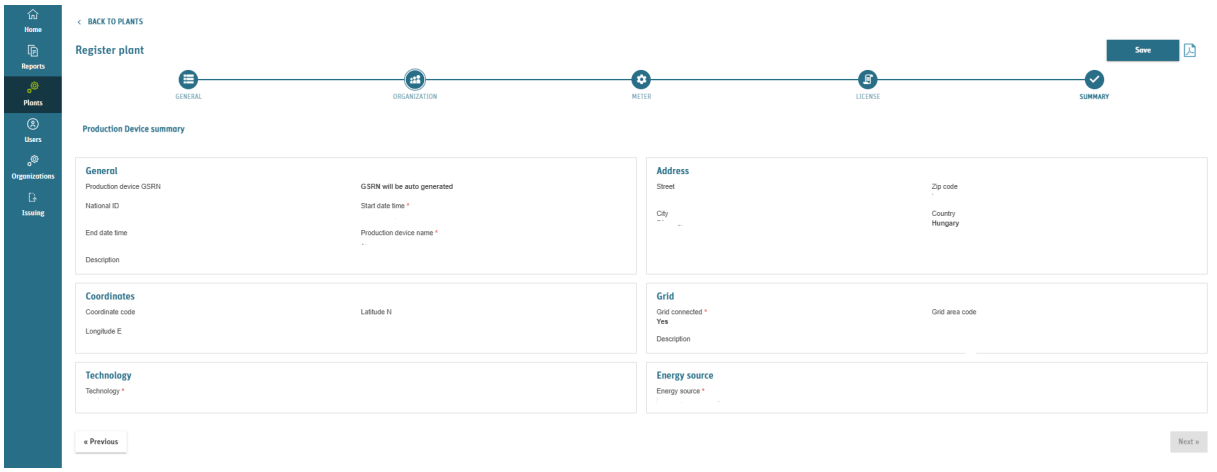


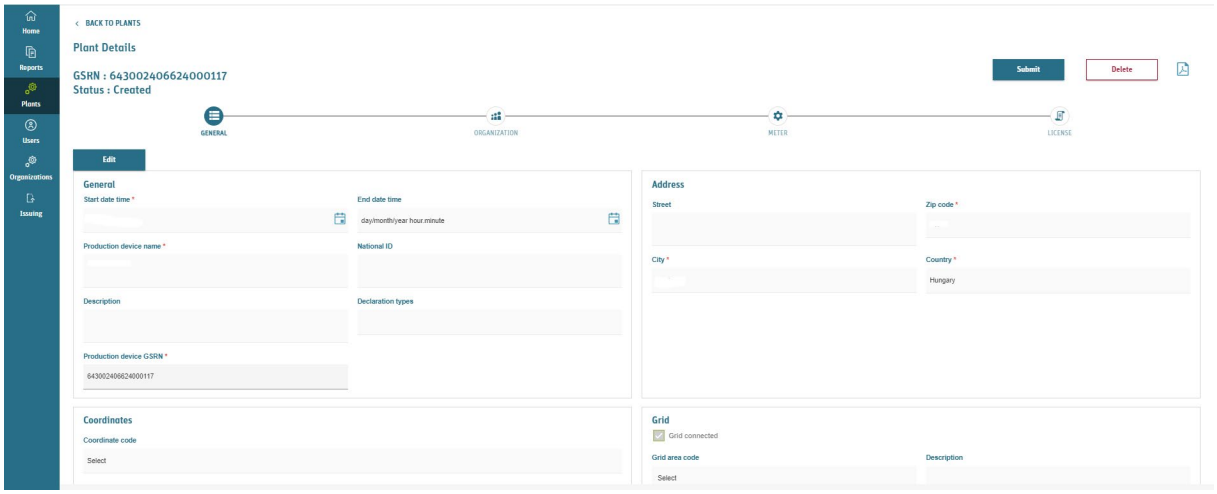












ANNEX 5 EECS GO CERTIFICATE

Transaction details

Transaction details

Transaction type **Issuing**	Status **Completed**
Transaction number	Volume **129 MWh**
Transaction started	Transaction completed
Message to Receiver	Standard **EECS**

From account

Organization name	Organization ID
Domain **Hungary**	Domain code **HU**
Account number	
Street	ZIP code
City	Country **Hungary**

To Account

Organization name	Organization ID
Domain **Hungary**	Domain code **HU**
Account number	
Street	ZIP code
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

Page 1 of 2

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

ANNEX 6 PRODUCTION/CONSUMPTION DECLARATION

PD monthly data for mixed combustion
PD name:
PD site address:
Grid reference:

Name		Data	Check	Comment	Data entry or calculated field
Electricity balance					
Electricity produced	MWh			Electricity measured at the generator terminals	PD data entry
PD self-consumption	MWh			Technological self-consumption of electricity produced	PD data entry
Electricity self-consumption	%				PD data entry
Electricity supplied to public utility system	MWh				PD data entry
Electricity received from an external network belonging to PD	MWh			Electricity from an external network	PD data entry
Self-consumption	MWh			PD electricity consumption for full technology purposes	PD data entry
Heat energy balance					
Heat produced	GJ			Hot water or steam produced by PD	PD data entry
Heat loss	GJ				PD data entry
Heat expenditure	GJ			Useful heat released from PD	PD data entry
Heat self-consumption	%				PD data entry
Energy source balance					
Renewable energy source use	t				PD data entry
	m^3				PD data entry
	GJ/t				PD data entry
	GJ/m^3				PD data entry
	GJ				PD data entry
Non-renewable energy source use	t				PD data entry
	m^3				PD data entry
	GJ/t				PD data entry
	GJ/m^3				PD data entry
	GJ				PD data entry
Total heat consumption	**GJ**	**0,000**			Calculated field
Electricity ratio by energy source					
Renewable fuel consumption ratio	%	0,00%			Calculated field
Non-renewable fuel consumption ratio	%	100,00%			Calculated field
PD efficiency	**%**	**0,00%**		It is advisable to count for inspection	Calculated field
Maximum amount of GOs that can be issued					
Amount of GOs that can be issued	MWh	0		Renewable electricity sales	Calculated field
Non-renewable electricity	MWh	0			Calculated field

ANNEX 7 EECS CANCELLATION STATEMENT

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.

MEKH Hungarian Energy and Public Utility Regulatory Authority — AIB

Transaction details

Transaction type **Cancellation**	Status **Completed**
Transaction number	Volume **150 MWh**
Transaction started	Transaction completed
Public Statement **No**	Standard **EECS**

From account

Organization name	Organization ID
Domain **Hungary**	Domain code **HU**
Account number	
Street	ZIP code
City	Country **Hungary**

Beneficiary

Name of Beneficiary	Country of consumption **Hungary**
Organization ID	Location of beneficiary
Consumption period	Usage type
Cancellation purpose	Type of beneficiary **End consumer**

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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