
EECS

DOMAIN PROTOCOL

FOR

DAPEEP – GREECE

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CHANGE HISTORY

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1	DAPEEP becomes sole issuer of GOs for Greece, and is now connected to the Hub

TABLE OF CONTENTS

A	Introduction.....	- 5 -
B	General	- 6 -
B.1	Scope	- 6 -
B.2	Status and Interpretation	- 6 -
B.3	Roles and Responsibilities	- 7 -
B.4	Summary: Issuance scope	- 7 -
C	Overview of National Legal and Regulatory Framework.....	- 8 -
C.1	Energy Market context for Electricity	- 8 -
C.2	The EECS Framework.....	- 9 -
C.3	National Energy Source Disclosure.....	- 10 -
C.4	National Public Support Schemes	- 11 -
C.5	EECS Product Rules.....	- 12 -
C.6	Non-EECS certificates in the Domain	- 12 -
C.7	Local Deviations from the EECS Rules	- 12 -
D	Registration	- 13 -
D.1	Registration of an Account Holder	- 13 -
D.2	Resignation of an Account Holder.....	- 14 -
D.3	Registration of a Production Device.....	- 14 -
D.4	De-Registration of a Production Device	- 19 -
D.5	Maintenance of Production Device Registration Data.....	- 19 -
D.6	Audit of Registered Production Devices.....	- 20 -
D.7	Registration Error/Exception Handling	- 20 -
E	Certificate Systems Administration.....	- 21 -
E.1	Issuing EECS Certificates.....	- 21 -
E.2	Processes	- 21 -
E.3	Measurement.....	- 23 -
E.4	Energy Storage	- 26 -
E.5	Energy Carrier Conversion.....	- 27 -
E.6	Combustion Fuel (e.g., Biomass) Input and Production Devices with multiple energy inputs - 27 -	
E.7	Format	- 27 -
E.8	Transferring EECS Certificates	- 28 -
E.9	Administration of Malfunctions, Corrections and Errors	- 28 -



E.10	End of Life of EECS Certificates – Cancellation	- 29 -
E.11	End of Life of EECS Certificates – Expiry	- 30 -
E.12	End of Life of EECS Certificates – Withdrawal	- 30 -
F	Issuer’s Agents	- 30 -
F.1	Production Auditor	- 30 -
F.2	Production Registrar	- 31 -
F.3	Measurement Body(/ies)	- 31 -
G	Activity Reporting	- 32 -
G.1	Public Reports	- 32 -
G.2	Record Retention	- 32 -
G.3	Orderly Market Reporting	- 32 -
H	Association of Issuing Bodies	- 33 -
H.1	Membership	- 33 -
H.2	Complaints to the AIB	- 33 -
I	Change Control	- 35 -
I.1	Complaints to DAPEEP	- 35 -
I.2	Disputes	- 35 -
I.3	Change Requests	- 35 -
ANNEX 1	Contacts List	- 36 -
ANNEX 2	Account Application/Amendment Form	- 39 -
ANNEX 3	Device Registration Form	- 40 -
ANNEX 4	Production/Consumption Declaration	- 43 -
ANNEX 5	EECS Cancellation Statement	44

A INTRODUCTION

This Domain Protocol describes how the EECS Standard has been implemented in Greece for Guarantees of Origin of electricity and it indicates where that system deviates from that standard. The EECS framework including the Domain Protocol aims to ensure robustness and transparency for all parties involved.

A Domain Protocol promotes quality and clarity, as it:

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

Important contact information is provided in Annex 1.

B GENERAL

B.1 Scope

This section demonstrates compliance with the following EECS Rules:

A11.1.1	C3.1.1	E6.2.1a	E6.3.1	E6.3.2	N2.1.1	O2.1.1
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- B.1.1 This Domain Protocol sets out the procedures, rights, and obligations, which apply to the Domain of Greece and relate to the EECS Electricity Scheme as defined in the EECS Rules.
- B.1.2 Production Device qualification for this Domain will be determined such that, the Production Device is effectively located within the geographical borders of Greece. Islands that are part of the legislative boundaries of Greece are included in this Domain Protocol.
- B.1.3 DAPEEP is authorised to Issue EECS Certificates relating to the following EECS Product:
- *EECS GO*
- B.1.4 DAPEEP is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):
- Energy Source
 - *Technology, including High-Efficiency Cogeneration in accordance with EU Directive 2012/27 (EU)*
- B.1.5 DAPEEP is authorised to Issue EECS Certificates relating to the following Energy Carriers: *electricity and the following energy sources: renewable [including biomass]/fossil only for High Efficiency Cogeneration.*
- B.1.6 DAPEEP is authorised to Issue the following energy certificates outside of the EECS Framework: no certificates outside the EECS Framework are issued.

B.2 Status and Interpretation

This section demonstrates compliance with the following EECS Rules:

E6.2.1d	E6.2.4	E6.3.1	E6.3.4
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- B.2.1 This document refers to EECS Rules [8 version 1]. It is based on the Domain Protocol template release [from June 2022].
- B.2.2 The EECS Rules are subsidiary and supplementary to national legislation.
- B.2.3 The EECS Rules and its subsidiary documents are implemented in Greece 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.2.4 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.2.5 This Domain Protocol is made contractually binding between any EECS Participant and DAPEEP by agreement in the form of the Standard Terms and Conditions.

B.2.6 In the event of a dispute, the approved English version of this Domain Protocol will take precedence over a local language version.

B.3 Roles and Responsibilities

This section demonstrates compliance with the following EECS Rules:

A11.1.1	C3.1.1	E4.2.2	E6.2.1c	H
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- B.3.1 The Authorised Issuing Body for *EECS GO* in Greece is DAPEEP. Its role is to administer the EECS Registration Database and its interface with the EECS Transfer System.
- B.3.2 The Competent Authority for *EECS GOs* in Greece is DAPEEP. Its role is defined by legislation to be responsible for the operation of for Guarantees of Origin in Greece.
- B.3.3 The Authorised Measurement Bodies are IPTO (Independent Power Transmission Operator), HEDNO (Hellenic Electricity Distribution Network Operator) and AIA (Athens International Airport) and are listed on the websites: <https://www.admie.gr/en>, <https://deddie.gr/en>, <https://www.aia.gr/company-and-business/commercial-activities/grid-management/> These bodies are established under national regulation to be responsible for the collection and validation of measured volumes of energy used in national financial settlement processes.
- B.3.4 The EECS Registration Database operated by *DAPEEP* can be accessed via the website *[insert URL]*.
- B.3.5 The only known Issuing Body in this Domain is DAPEEP, which is responsible for Guarantees of Origin in Greece, for gas, hydrogen and heating/cooling for renewable *energy sources*.

B.4 Summary: Issuance scope

B.4.1 In summary, DAPEEP 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	Hydro	X		
	Solar	X		
	Wind	X		
	Biomass	X		
	Fossil		X	

National GO (non-EECS*)	<i>n/a</i>		
EECS Support Certificate	<i>n/a</i>		
EECS Target Certificate	<i>n/a</i>		
EECS NGC (name)	<i>n/a</i>		
National certificate other than GO (non-EECS*)	<i>n/a</i>		

() Non-EECS certificates may not be transferred over the AIB hub.*

C OVERVIEW OF NATIONAL LEGAL AND REGULATORY FRAMEWORK

C.1 Energy Market context for Electricity

The Greek electricity market is integrated with European Electricity Markets since November 2019.

HEnEx S.A. (Hellenic Energy Exchange) has been designated by the Greek Regulator (Regulatory Authority for Energy-RAE) as Nominated Electricity Market Operator (NEMO) for the operation of the Day-Ahead (DAM) and Intraday Electricity Markets (IDM).

DAM refers to buy and sell trades of electricity with an obligation of physical delivery for the next Delivery Day D, including the registration of energy quantities resulting from the trades carried out within HEnEx's Energy Derivatives Market or from Over-the-Counter Energy Financial Instruments. IDM refers to buy and sell trades of electricity with an obligation of physical delivery by submitting respective orders after DAM gate closure time, and includes three (3) Complementary Regional Intraday Auctions (CRIDAs).

Products admitted for trading on the Day-Ahead and Intraday Market, for each Market Time Unit, which is one (1) hour, of the Delivery Day are types of commercial contracts of electricity with physical delivery (injection or offtake) within the Bidding Zones of the IPTO (Independent Power Transmission Operator).

IPTO operates the balancing market which is based on a central dispatch unit-based model, where the generating and consumption schedules as well as dispatching of power generating facilities are determined by IPTO within the Integrated Scheduling Process. The Balancing Market consists of three distinct procedures: Balancing Capacity Market, Balancing Energy Market and Imbalances Settlement.

Operator of Renewable Energy Sources & Guarantees of Origin (DAPEEP) is a 100% state-owned company and is under the supervision of the Greek Government, according to the provisions of Law 4270/2014 (Government Gazette, Part A, No 143, 28 June 2014), which regulates the drawing up and execution of DAPEEP’s budget. DAPEEP is shareholder in the Hellenic Energy Exchange (HEnEx)

DAPEEP is the administrator of the Special Account that gives the financial support to the RES and HE-CHP units which are connected to the public grid of the interconnected system. Moreover, DAPEEP, acts as aggregator, representing the electricity produced from these units to the electricity market operated by HEnEx.

DAPEEP also acts as auctioneer of the CO2 emissions allowances on behalf of the Greek Government, and it is nominated as competent authority for granting state aid schemes, for GOs and disclosure for electricity.

C.2 The EECS Framework

This section demonstrates compliance with the following EECS Rules:

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

- Law No 3468/2006 “Electricity Production from Renewable Energy Sources and High Efficiency Cogeneration of Electricity and Heat and other provisions”, Official Government Gazette, First Bulletin, Sheet No.129, June 27, 2006 as revised by Law No 4951/2022, Official Government Gazette, First Bulletin, Sheet No.129, July 4,2022 https://www.et.gr/api/Download_Small/?fek_pdf=20220100129

Law 4951/2022 revises the GO system established by Law 3468/2006 and transposes into national legislation the Directive 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”. According to the provisions of article 127 which replaces article 16 of Law 3468/2006, the designation of a sole Issuing Body for electricity, biogas, hydrogen and heating – cooling will be decided by the Minister for Environment and Energy. According to the provisions of article 126, Guarantees of Origin for electricity output of a production device receiving production support are issued in favour of the Issuing Body.

- Law No 4001/2011 “Operation of Electricity and Natural Gas Markets, Hydrocarbon Research, Production and Transmission Systems and other regulations” , Official Government Gazette, First Bulletin, Sheet No.179, August 22, 2011 https://www.et.gr/api/Download_Small/?fek_pdf=20110100179

The electricity supplier obligation to provide customers with comprehensible and clearly comparable data on the contribution of each energy source to each supplier’s total fuel mix is enforced by Law No 4001/2011, Article 48

- Law No 4512/2018 “Regulations for the implementation of the Structural Reforms of the Economic Adjustment Program and other provisions”, Official Government Gazette, First

Bulletin, Sheet No. 5, January 17, 2018

https://www.et.gr/api/Download_Small/?fek_pdf=20180100005

DAPEEP is authorised as the Competent Body for Disclosure according to the provisions of Article 98, Law 4512/2018. The Energy Mix of each Supplier along with the domain Residual Mix is calculated by DAPEEP. The rules of electricity disclosure are described in articles 17 to 19 of “RES and Guarantees of Origin Operator’s Code”

- Regulatory Authority for Energy Decision No 509/2018 “Approval of RES and Guarantees of Origin Operator’s Code in accordance with par.3 of article117E of Law 4001/2011”, Official Government Gazette, Second Bulletin, Sheet No. 2307, January 18,2018, as amended https://www.et.gr/api/DownloadFeksApi/?fek_pdf=20180202307
- Regulatory Authority for Energy Decision No 410/2016 amending RAE Decision No 1599/2011 regarding requirements on Meters and Metering Data for the implementation of GOs System for RES and HE-CHP Electricity and safeguard mechanism https://www.et.gr/api/DownloadFeksApi/?fek_pdf=20160204081
- Ministerial Decision No 81331/3661 Official Governmental Gazette second bulletin sheet number 4246, August 10, 2022
https://www.et.gr/api/Download_Small/?fek_pdf=20220204246

Ministerial Decision No 81331/3661 appoints DAPEEP as the authorised Issuing Body for all energy carriers, while setting the rules for the implementation of GO System for electricity and the safeguard mechanism.

- C.2.2 DAPEEP has been properly appointed as an Authorised Issuing Body for Guarantees of Origin under article 3 of Ministerial Decision No 81331/3661 issued by the Ministry of Environment and Energy as mandated by article 127 of Law 4951/2022 which amended article 16 of Law 3468/2006.

C.3 National Energy Source Disclosure

This section demonstrates compliance with the following EECS Rules:

E3.3.14			
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- C.3.1 For this Domain, the authorised body for supervision of Disclosure of the origin of energy towards consumers is DAPEEP. 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 the following links
https://www.et.gr/api/Download_Small/?fek_pdf=20220204246
https://www.et.gr/api/Download_Small/?fek_pdf=20110100179
- C.3.3 The methodology and process for disclosure are as follows:
Electricity suppliers must prove the share or the amount of energy generated from RES and CHP contained in their total fuel mix with respect to the previous calendar year, using Guarantees of Origin, except for the share corresponding to non-tracked commercial offers if any, and for which the suppliers should use the residual mix.
Guarantees of Origin issued for electricity injected to the grid by Production devices commissioned prior to January 1st, 2021 which are receiving production support (FIT, FiP), are

allocated on a pro rata basis to power suppliers in order to disclose proportionally the energy they provide to their end consumers.

The cancellation of Guarantees of Origin to prove the origin of consumption within a calendar year shall take place exclusively during the period from 1 April of the current calendar year to 31 March of the following calendar year.

After 1 April of each year, guarantees of origin shall not be cancelled for a consumption period prior to the current year.

For end consumers located in the Domain of Greece only the supplier that represents them in the electricity market has the right to disclose the origin of the energy they consume through its Fuel Mix and the Guarantees of Origin cancelled on their behalf.

- C.3.4 The methodology of the residual mix calculation follows the Issuance Based Method published by the AIB.

The Residual Energy Mix is calculated for the Domain of Greece. The basic principles of the calculation are described in articles 17 to 19 of “[RES and Guarantees of Origin Operator’s Code](#)”. DAPEEP calculates and publishes on its web site the National Residual Energy Mix along with its environmental impact. DAPEEP calculates and informs the suppliers on the results regarding their Energy Mix. The results of the process are publicly available on *DAPEEP website*.

<https://www.dapeep.gr/viosimi-anaptixi/energeiako-meigma/>.

- C.3.5 Cancellation for usage in another Domain (i.e., Ex Domain Cancellation) is allowed if it is not possible to transfer EECS GOs via the HUB to the Registration Database operated by the Issuing Body authorised in the respective Domain. Ex Domain Cancellation is performed under the terms of a cancellation agreement and follows the provisions of EECS rules C.7.1.1 (b). If DAPEEP enters into a cancellation agreement, then DAPEEP informs the General Secretary within one month of doing so.
- C.3.6 The results of the supervision on disclosure are reported annually to Regulatory Authority for Energy.

C.4 National Public Support Schemes

This section demonstrates compliance with the following EECS Rules:

None directly			
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- C.4.1 Electricity from renewable sources is promoted through a number of schemes, namely feed-in tariff, feed-in premium, investment support and net metering.

Law No. 3468/2006, as amended, sets the rules for the feed-in tariff. Production Device owners are entitled to the payment of electricity injected to the grid through a contract signed with DAPEEP as support scheme operator for plants connected to the Transmission System directly or through the Distribution Network and with HEDNO as support scheme operator for Production Devices connected to the Distribution Network of the non-interconnected islands. The feed-in tariff (FiT) varies according to rules established in legislation and is related to criteria such as the source of energy, the technology used, the date of commissioning etc.

- C.4.2 Ministerial Decision (Official Government Gazette, Second Bulletin, Sheet No. 1079, June 42009) and Ministerial Decision 121501/5015 (Official Government Gazette, Second Bulletin, Sheet No. 6351, December 30 2021) establish support schemes that incentivises electricity generation by small PV installations (capacity of 10 kW or less) through a feed-in tariff, which is deduced from the consumers’ electricity bill.
- C.4.3 Law No. 4414/2016, in article 3 sets rules for the feed-in premium scheme that is effective from the 1st of January 2016. Since 2017, RES and CHP plants, in order to receive a FiP or FiT have to participate in tenders (art.7 par.1 Law No.4414/2016), facilitated by the Regulatory Authority for Energy (RAE). The Ministry of Environment and Energy shall issue a decision concerning available capacities per renewable technology for each subsequent tender, while RAE is responsible to conduct the technology specific RES tenders.
- C.4.4 Ministerial Decisions 24461 (Official Government Gazette, Second Bulletin, Sheet No. 3583, December 31 2014) and 175067 (Official Government Gazette, Second Bulletin, Sheet No. 1547, May 5, 2017) set the rules for the net metering of PV installations, establishing that the surplus of energy, injected to the network, is not compensated. Ministerial Decision 15084/382 (Official Government Gazette, Second Bulletin, Sheet No. 759, March 5, 2019) expands the net metering and virtual net metering scheme to small scale wind turbines, biogas, biomass, CHP and small-scale hydro plants. Law No. 4513/2018 provides detailed specifications on the development of Energy Communities by citizens, local actors such as municipalities and regions and small and medium-sized local businesses. Energy communities can, among others, be involved in the production, distribution and supply of energy (with priority being given to RES) within their territories, ensuring energy self-sufficiency and energy security. Ministerial Decision 15084/382 sets the rules on how the virtual net metering scheme applies on energy communities.

C.5 EECS Product Rules

This section demonstrates compliance with the following EECS Rules:

E6.2.1f	E6.2.1g		
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- C.5.1 The EECS Product Rules as applied in Greece are set out within sections Registration and Certificate Systems Administration in sections D and E respectively.

C.6 Non-EECS certificates in the Domain

There is no legislative scheme for issuing non-EECS certificates for electricity in the Domain.

C.7 Local Deviations from the EECS Rules

This section identifies those areas where there are minor differences from the EECS Rules without impacting the integrity of EECS Certificates.

Deviation on EECS Rules section C3.4.1: Issuing of EECS GO in respect of the Output of a Production Device is performed within 60 days after the month in which such Output was produced. The Issuing Body may extend the above deadline by one month

D REGISTRATION

D.1 Registration of an Account Holder

This section demonstrates compliance with the following EECS Rules:

G2.2.1			
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D.1.1 Account Holders in the EECS GO Registry may be:

- a. Electricity Suppliers, licensed to supply electricity in the Greek Electricity Market,
- b. Self-supplied customers which may cancel EECS GOs solely for their own electricity consumption,
- c. Electricity Producers owning an eligible RES and/or HE-CHP Production Device, only for the EECS GOs issued for their own Production Device.
- d. Account holders in a EECS GO registry operated by an Issuing Body in another EU member state
- e. Account Holders in a EECS GO Registry operated by an Issuing Body in a third country only where the Union has concluded an agreement for mutual GOs recognition/acceptance with
- f. DAPEEP for EECS GOs that are issued in favor of DAPEEP in order to be auctioned or proportionally distributed to end consumers through their supplier

Any interested party must submit an application according to the guidelines published in DAPEEP’s site accompanied with the relevant documentation in order DAPEEP to create an account in the EECS GO registry and assign a unique GO account number (UAN)

<https://www.dapeep.gr/energeia/eguisseis-proeleusis/eggrafi-sto-mitrwo-egguisewn/>

D.1.2 The application signed by the legal representative of the company, shall be submitted to DAPEEP and shall include the following:

- a. License to operate, accordingly (i.e. production licence issued by RAE, supply licence issued by RAE, an official document verifying that the applicant holds an active account in another Registry which qualifies for registration).
- b. Documentation of the company’s legal status according to the Greek law (required documentation is published on DAPEEP website and depends on the company’s legal status, e.g. Limited Liability Company).
- c. Proof that the person submitting the registration application is duly authorised.
- d. Solemn declaration that the applicant shall inform DAPEEP for any alteration that affects their qualification to hold an account in the EECS GO Registry.
- e. The Standard Terms and Conditions for the use of the EECS GO Registration Database operated by DAPEEP signed by the legal representative of the company.

When the applicant falls under cases D.1.1 d and e, in addition to the above they shall submit the “Know your Customer Form” properly filled in and signed by the legal representative of the company.

D.1.3 After the documents are reviewed and found correct to the satisfaction of DAPEEP, the Applicant is registered as an Account Holder in the Registration Database and is provided with the unique account number (UAN).

Applications correctly and sufficiently submitted are processed by DAPEEP within 20 working days. If DAPEEP establishes that required information is missing and/or provided incorrectly, it may request the Applicant to submit supplementary / corrected information within a specified reasonable time limit. If, following the above process, the application remains incomplete, DAPEEP may reject the application.

D.1.4 In case reasonable doubts about the registration of an account holder exist, DAPEEP seeks the contribution of the Regulatory Authority for Energy (RAE) By decision of the Regulatory Authority for Energy (RAE).

D.1.5 DAPEEP may set fees for the administration of the Register of Guarantees of Origin, which are approved by the Regulatory Authority for Energy.

D.2 Resignation of an Account Holder

This section must demonstrate compliance with the following EECS Rules:

None directly			
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D.2.1 Account Holders wishing to close their Accounts must notify DAPEEP officially, defining the effective date for the closure of the Account. The application must be signed by the legal representative of the Account Holder and be received by DAPEEP at least 30 days before the effective closure date.

D.2.2 After the document is reviewed and found correct, DAPEEP shall close the Account on the EECS Registration Database as of the effective date stated in the application or 30 days from the date of receipt of the application, whichever is later.

D.2.3 Any EECS GOs in the Account should be transferred or cancelled before the effective date for its closure. Any EECS GOs that may remain in the Account after its closure cannot be transferred or cancelled for disclosure, but rather they will expire according to the provisions of the Ministerial Decree.

D.2.4 Account Holders are obliged to pay to DAPEEP the fees for all transactions which relate to the resigning Account Holder and are performed until the closure of the Account.

D.2.5 Account Holders requesting the closure of their account are not entitled to claim by DAPEEP refund of any fees relating to the period before the effective date of the closure.

D.3 Registration of a Production Device

This section demonstrates compliance with the following EECS Rules:

C2.1.1	C2.1.2	C2.2.4	D4.1.2	E3.3.10	E3.3.11	N6.2	O6.2
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- D.3.1 An electricity generation facility is recognised as a Production Device in order to be registered in the EECS GO Registration Database of DAPEEP if the facility is located within the Domain of Greece either connected to the Transmission System or the Distribution Network or not connected (stand-alone) and falls under the cases of paragraph 2, article 1 of the Ministerial Decision No.81331/3661 (Official Gazette B' 4246/10.08.2022) Chapter B, Article 5.
- D.3.2 The registration in the EECS Registration Database for the issuance of GOs is voluntary for production devices that are not receiving financial support in the form of feed-in tariff or feed-in-premium.
- D.3.3 By virtue of law 3468/2006, DAPEEP is authorised to register all Production Devices that receive production support and administer the GO issued according to the provisions of article 18A of the law. The technical details recorded in the Registration Database for each of the above Production Devices are provided to DAPEEP by the relevant, according to C.4, support scheme operator.

The registration of each Production Device is valid until the expiration of the contract signed between the owner and the relevant support scheme operator.

- D.3.4 Production devices not receiving production support may be registered upon request submitted by the producer. The application shall include:
- a. The Device Registration Form (*Annex 2*) signed by the duly authorised person should be compatible with the Production Device Data Declaration of Annex 1 of Ministerial Decision 81331/3661 and includes:
 - Company Name which owns the Production Device (address, VAT number)
 - Applicant's Name or Corporate Name and address.
 - Account Number in the EECS GO registry (if applicable)
 - Legal representative of the applicant: name and contact details.
 - Location of the Production Device, city, municipality, prefecture, address (if available), country and geographical coordinates.
 - Installed power capacity and in case of HE-CHP installed heat capacity as well.
 - Every energy source that may be used as input to the facility for the production of electricity.
 - Technology applied for the production of electricity.
 - Commissioning Date of the Production Device.
 - Grid connection number: the identification number of the facility connection point to the electrical grid, assigned by the respective network administrator.
 - The Authorised Measurement Body for installing and maintaining the electricity meters that are installed at the boundaries between the Production Device and the electrical grid the Production Device is connected to, and the data of the meters installed: manufacturer, model, serial number.

- Data of the metering devices that are installed by the Producer inside the facility and whose measurements are taken into account in the calculation of the energy output (see section E.4)
 - Certificate issued by a Certifying Body stating that the metering devices installed inside the facility by the Producer and whose measurements are taken into account in the calculation of the energy output, meet the standards set by the Regulatory Authority's Decision No.1599/2011 as amended by the Regulatory Authority's Decision No.410/2016 (see section E.3). The respective Certifying Body.
 - Support Scheme: investment support and/or production support.
- b. Operation License, which is required if the installed capacity of a Production Device is above the threshold mentioned in articles 4 and 8 of Law 3468 / 2006, as in force.
- c. Connection Certificate for those Production Devices that are not obliged to have an operation license. The connection certificate is issued by the respective network administrator and certifies that the electrical connection of the Production Device with the electricity grid has been successfully activated.
- d. Single line diagram of the facility with details on the location of the following:
- i. the outgoing electricity meter(s) of the facility
 - ii. any transformer in the area of the facility
 - iii. any auxiliary power station available within the boundary of the facility
 - iv. any backup heat generation station within the boundary of the facility
 - v. the incoming electricity meter of the facility (if applicable)
 - vi. other fuel meters of fuels that can be used in the facility (if applicable)
- e. Solemn declaration by the legal representative stating that the information provided is true and accurate and that the Production Device falls under the cases of Article 1 of Ministerial Decision No.81331/3661/2022.

In addition to the above, if the application concerns High efficiency Cogeneration of Power and Heat, or a Production Device using more than one energy inputs, or storage stations, or hybrid power stations, or auto-production power stations, or stand-alone power stations, the following information shall be submitted:

- f. full details of the metering devices installed at the facility under the responsibility of the producer, for the purpose of determining the amount of energy for which Guarantees of Origin are issued, as determined by the Issuing Body. The metering devices shall meet the specifications defined by RAE Decision no. 410/2016 (Government Gazette, Series II, No 4081).
- g. An inspection report issued by an independent auditor verifying that the metering devices, apart from those installed at the boundaries of the production device with the network, which may have been installed under the responsibility of the producer and whose measurements are taken into account in the calculation of the energy output

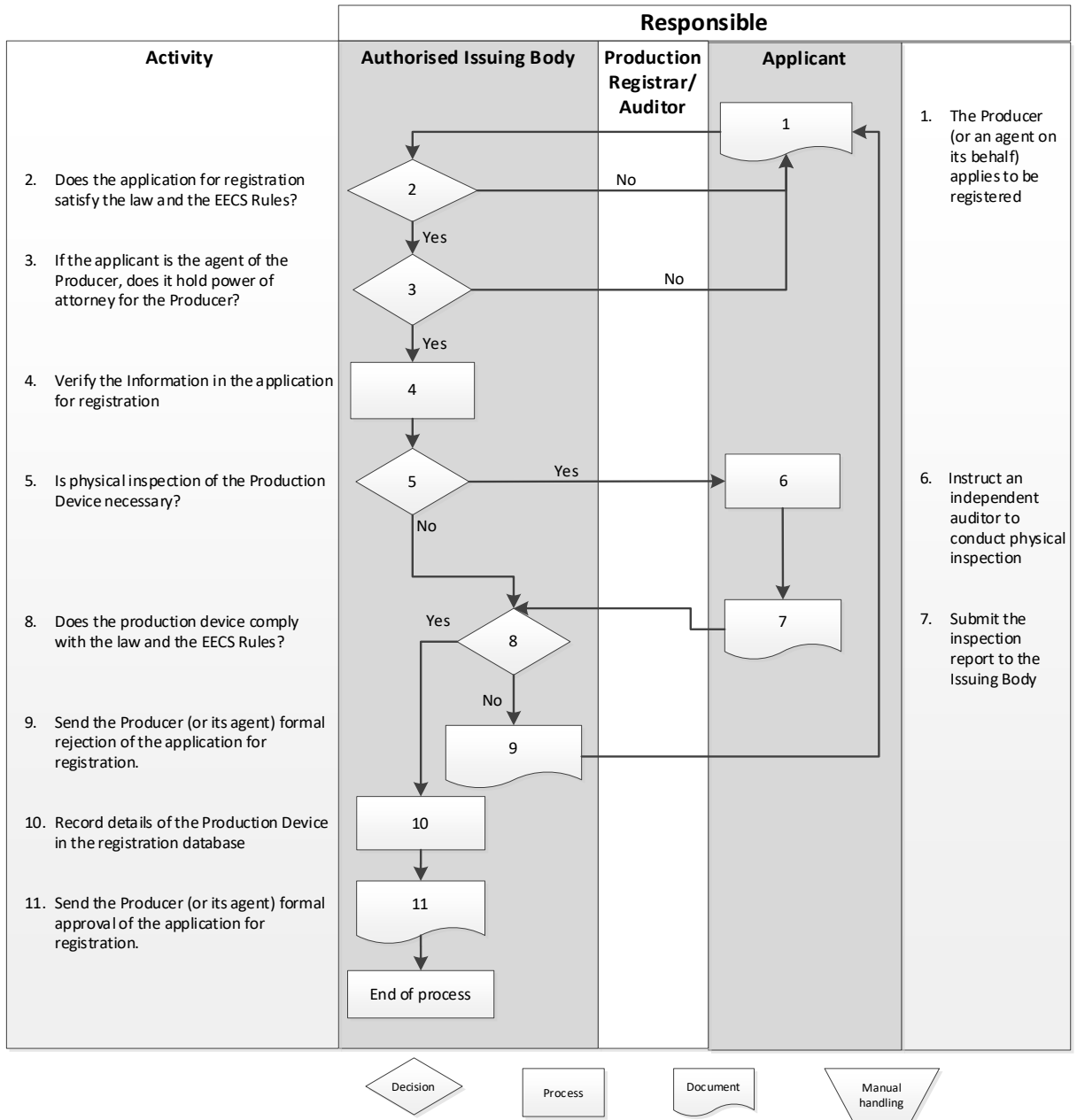
for which EECS GOs are issued, meet the specifications set out in RAE Decision no. 410/2016 (Government Gazette, Series II, No 4081).

D.3.5 DAPEEP examines if information provided by the producer according to D.3.3 is complete and verifies if the facility is eligible to be registered in the EECS Registration Database of DAPEEP. Subject to the above verification, DAPEEP registers the production device in the EECS Registration Database.

Upon registration a Production Device Identification Number (MAE) is assigned to the Production Device.

Registration shall be completed within 20 working days after the submission of the required documents.

The registration is valid for 5 years. After the end of the validity period the Production Device owner may apply for re-registration according to D.3.



D.4 De-Registration of a Production Device

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- D.4.1 Owners of Production Devices, who so wish, may de-register their Production Devices by notifying DAPEEP in writing about their intent. The notification must be submitted by the legal representative of the owner.
- The effective date of deregistration must be no less than 30 days from the date of receipt of the said notification by DAPEEP.
- DAPEEP will deregister the Production Device on the EECS GO Registration Database as of the effective date listed in the notification received from the Production Device owner or 30 days from the date of receipt of the notification by DAPEEP, whichever is later.
- D.4.2 After deregistration the owner of Production Device may apply for re-registration of the Production Device following the procedure of D.3.
- D.4.3 If DAPEEP becomes aware of, either through the Producer itself or following an inspection or otherwise, changes in the Production Device that result in the Production Device not being eligible to issue EECS GOs anymore, DAPEEP shall deregister the Production Device from the EECS Registration Database. The deregistration becomes effective on the date such changes are scheduled to take place, if for future changes, or from the date of becoming aware of such changes, if the changes have already occurred.
- D.4.4 All relevant data of a Production Device will remain in the EECS Registration database after de-registration.

D.5 Maintenance of Production Device Registration Data

This section demonstrates compliance with the following EECS Rules:

C2.2.1	C2.2.2	C2.2.3	C2.2.5	D5.1.2
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- D.5.1 Any changes in a Production Device that has been registered following an application of the owner according to D.3.3 should be communicated to DAPEEP by the owner of the Production Device, especially if the operation of a Production Device no longer conforms to the reported information and if the ownership of the Production Device has changed.
- D.5.2 Any changes in a Production Device that is registered according to D.3.2 shall be communicated to DAPEEP by the relevant support scheme operator.
- D.5.3 On receipt of a change of details notification (following an inspection or otherwise), DAPEEP will evaluate the impact of the changes on the Qualifying Criteria, decide whether the Production Device is still eligible for EECS GOs and update the information in the Registration Database.
- D.5.4 Where the capacity of an existing Production Device increases, then the new capacity shall be registered in the relevant element of that Production Device in the Registration

Database of DAPEEP, with a notification of the date on which the additional capacity became operational.

D.6 Audit of Registered Production Devices

This section demonstrates compliance with the following EECS Rules:

E3.3.7	E3.3.8	D5.1.2	
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- D.6.1 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 and may incur legal charges according to article 22 of law 3468/2006.
- D.6.3 If an inspection identifies material differences from the details recorded on the EECS Registration Database, then D.5.3 is applicable.
Where incorrect information is found on Guarantee of Origin issued and the Guarantee of Origin needs to be amended, the Registrant shall cooperate with DAPEEP to correct it.
- D.6.4 Inspections verify that the Measurement Devices are correctly positioned in order to measure the quantity needed for calculating the amount of Guarantees of Origin to be Issued.
- D.6.5 Inspections confirm the accuracy of the Measurement Devices involved in the calculation of the amount of Guarantees of Origin to be issued to be acceptable in accordance with the Decision of Regulatory Authority for Energy No 410/2016.

D.7 Registration Error/Exception Handling

This section demonstrates compliance with the following EECS Rules:

C2.2.2	E4.2.7		
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- D.7.1 Any errors in EECS GO resulting from an error in the registered data of a Production Device will be handled in accordance with section E.9.
- D.7.2 DAPEEP shall inform AIB of such an error if it could affect the transfer of EECS GOs out of the Greek Registry into the EECS Registration Database of another Member.

E CERTIFICATE SYSTEMS ADMINISTRATION

E.1 Issuing EECS Certificates

This section demonstrates compliance with the following EECS Rules:

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

- E.1.1 EECS GOs can be issued in respect of the Qualifying Output of a Production Device during a period in which that Production Device was registered in DAPEEP Registration Database for EECS GOs.
- E.1.2 The Qualifying Output is calculated according to the rules described in E.3.4
- E.1.3 The output is metered and validated by the Authorised Measurement Bodies.
- E.1.4 EECS GOs shall be issued within two (2) months from the end of the production period to which the official measurements relate. Where a Consumption Declaration is needed as a precondition for issuing guarantees of origin the Issuing Body may extend the above deadline by one month.
- E.1.5 1 EECS GO is issued for 1MWh.
- E.1.6 EECS GO shall be issued only for Production Devices fulfilling qualification criteria described in section D.3. and for output fulfilling measurement criteria described in section E.3.
- E.1.7 No more than one EECS GO is issued in respect of each unit of energy produced. In the case of electricity production from CHP facilities using RES, only one EECS GO is issued, specifying both characteristics.
- E.1.8 Procedures for the Issue, Transfer, and Cancellation of Scheme Certificates are robust, effective, efficient, and adequate.
- E.1.9 The period of time for which the EECS GOs are issued may not exceed one calendar month. Where the measurement period of the Production Device is more than one month then the EECS GOs will be issued for each month separately, based on a pro rata allocation per month of the Qualifying Output of that Production Device during each measuring period, as measured and validated by the competent Measurement Body.
Especially for High Efficiency CHP Production Devices, the issue of EECS GOs of electricity produced may be requested for a period of one (1) year and must correspond precisely to the measurement period covered by metering data provided by the Authorised Measurement Bodies.

E.2 Processes

This section demonstrates compliance with the following EECS Rules:

A.4	C3.4.1	C3.4.3	C3.5.1	C3.5.2
C3.5.3	C4.1.1	C4.1.3	D7.1.2	E.2

N6.4.	O6.4			
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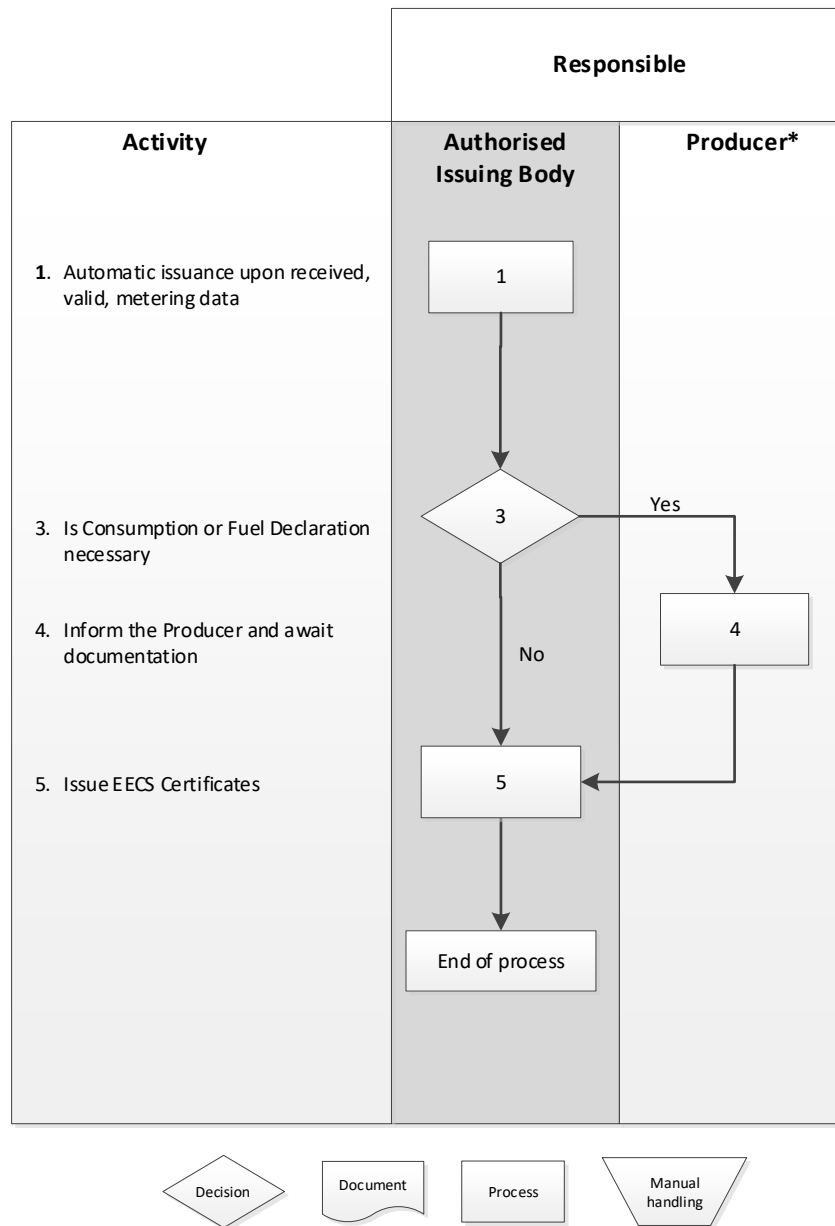
E.2.1 Issuance of EECS GOs is performed automatically (no request needed) each month upon the availability of the respective measurement data and only for the registered production devices. Metering of Production output are provided by the Authorised Measurement Bodies.

Issuance of EECS GOs is not automatically performed for Production Devices for which a Consumption Declaration is required.

E.2.2 An EECS GO is issued for 1 (one) MWh. If the total energy for which EECS GOs are to be issued is not an integer number of MWh, then the remainder is carried forward to the next issuing period.

E.2.3 A unique identification number (ΜΑΕΠ) is assigned to each EECS GO. The EECS GO issued shall be registered in the EECS GO Account of the entity having the proprietary rights on the EECS GOs.

- a. Proprietary rights on the EECS GOs issued for a Production Device that is not financially supported for the electricity produced are given to the producer.
- b. Proprietary rights on the EECS GOs issued for a Production Device that is financially supported for the electricity produced and has been commissioned before 1.1.2021 are given to DAPEEP in order to allocate them proportionally to all end consumers through their supplier.
- c. Proprietary rights on the EECS GOs issued for a Production Device that is financially supported for the electricity produced and has been commissioned after 1.1.2021 are given to DAPEEP in order to auction them.



* The Producer is the generic term for the party which requests certificates, and might include production aggregators, portfolio managers etc.

E.3 Measurement

This section demonstrates compliance with the following EECS Rules:

D6.1.2	N6.4.	O6.4	
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E.3.1 The applicable metering regulatory framework is the following:

- “Transmission System Operation Code” as in force (RAE Decision No.1412/2020, Official Government Gazette, Second Bulletin, Sheet No.4658, October 22, 2020)

- “Distribution Network Code” as in force (RAE Decision No. 395/2017, Official Government Gazette, Second Bulletin, Sheet No.78, January 20, 2017)
- “Meters and measurement specification as required by Ministerial Decision 8786/2010, on ‘Implementing the System of Guarantee of Origin of Electricity from RES and HE-CHP systems and assurance mechanisms’”, (RAE Decision No.410/2016, Official Government Gazette, Second Bulletin, Sheet No.4081, December 20, 2016)
- Law No.4342, Transposition of Directive 2012/27/EE (Official Government Gazette, First Bulletin, Sheet No.143, November 9, 2015)
- Ministerial Decision 749 (Official Government Gazette, Second Bulletin, Sheet No.889, March 22, 2012) on determining methodology for calculating electricity produced with **High Efficiency** in cogenerating stations.
- Ministerial Decision 23278 (Official Government Gazette, Second Bulletin, Sheet No.3108, November 23, 2012) complementary provisions for **High Efficiency** heat and power cogeneration stations.

E.3.2 All Production Devices that are connected to the Transmission System or the Distribution Network are equipped with meters recording the electrical energy. These meters are installed at the boundary of the Production Device with the Transmission System or the Distribution Network, accordingly.

Production Devices with installed power capacity of more than 100 kW are equipped with meters recording the electrical energy with a 15' time interval. Metering is performed remotely, by the Transmission System Operator or the Distribution Network Operator depending on their jurisdiction and measurements are aggregated on a monthly basis. The procedure for validation of measurements is described in the relevant Code of the Transmission System Operator or the Distribution Network Operator, respectively.

The Transmission System Operator and the Distribution Network Operator send to DAPEEP every month the validated metering data for electricity injected to the grid during the previous month, for each Production Device registered in the EECS Registration Database.

E.3.3 For Production Devices that are not connected to the Transmission System, or the Distribution Network (stand-alone) metering devices are installed inside the Production Device, for measuring the quantities necessary to calculate the Qualifying Output. The metering devices installed shall meet the requirements set by the Regulatory Authority for Energy in the Decision No.410/2016.

The Producer collects the metering data and submits the information to DAPEEP. The data submitted should be certified for their accuracy and reliability by an independent auditor.

E.3.4 For Production Devices that fall under E.3.5 cases (b) to (g) metering devices are installed inside the Production Device, for measuring the quantities necessary to calculate the Qualifying Output, such as the fuel consumption, the amount of steam produced or the amount of energy absorbed to fill the storage tank, etc The metering devices installed shall meet the requirements set by the Regulatory Authority for Energy in the Decision No.410/2016.

The Producer collects the metering data and submits the information referred to the Consumption Declaration according to annex 3 of Ministerial Decision 81331/3661. The data submitted with the Consumption Declaration statement should be certified for their accuracy and reliability by an independent auditor. The cogeneration production devices with installed power capacity lower than 1Mwe are exempted from this obligation.

- E.3.5 The Qualifying Output of a Production Device is calculated depending on the technology and the energy sources used, according to the following:
- Where a Production Device generates electricity from RES, excluding Production Devices with storage device, the energy to be taken into account is the injected electricity, not including the electricity consumed from the auxiliaries.
 - Where a Production Device generates electricity from RES and has a storage device behind the meter, the Qualifying Output is the electricity produced and injected into the grid, either directly or after its temporary storage. No EECS GOs shall be issued for the electricity injected as a result of the electricity flow into the storage device from the grid.
 - Where the Production Device is a hydroelectric station that uses a pumping system for filling the reservoir, the Qualifying Output shall be the difference between the Injected Electricity and the electricity absorbed from the grid in order to fill the reservoir.
 - Where the Production Device uses fuels including renewable ones, such as biomass and biogas, the Qualifying Output shall be the injected electricity, not including the electricity consumed from the auxiliaries, multiplied by the Renewable Source Factor (ΣAE_i). The ΣAE_i shall be calculated for each period of production, as follows:

$$\Sigma AE_{RE,i} = \frac{M_{RE,i} \times C_{RE,i}}{M_{non\ RE,i} \times C_{non\ RE,i} + \Sigma_1^n M_{RE,i} \times C_{RE,i}}$$

where:

M_{non-RE} = mass of non-renewable energy (i) for the production period

C_{non-RE} = the average calorific value of the non-renewable energy source (i) for the production period

$M_{RE,i}$ = mass of renewable energy (i) for the production period

$C_{RE,i}$ = the average calorific value of renewable energy (i) for the production period

- Where the Production Device is a power station, which uses solar energy based on technology other than photovoltaics, and a non-renewable energy source, the Qualifying Output shall be the injected electricity, not including the electricity consumed from the auxiliaries, multiplied by the Renewable Source Factor (ΣAE). The ΣAE shall be calculated for each period of production, as follows:

$$\Sigma AE_{RE} = \frac{M_{RE} \times C_{RE}}{M_{RE} \times C_{RE} + M_{non\ RE} \times C_{non\ RE,i}}$$

where:

MRE = the quantity of steam produced by using solar energy during the production period
CRE = the average enthalpy of steam produced by using solar energy for the production period

Mnon-RE = the quantity of steam produced by using fuel that is not a renewable energy source for the production period

Cnon-RE = the average enthalpy of the steam produced by the fuel that is not a renewable energy source for the production period

- f. Where the Production Device is a CHP station without the use of RES, the Qualifying Output is the part of electricity injected to the grid which has been generated with **High Efficiency** as this is calculated according to the provisions of Law 4342/2015.
 - g. Where the Production Device is a CHP station which uses RES as well as other non-renewable energy sources, EECS GOs can be issued both for the electricity produced using RES and for the electricity produced from a non-renewable energy source, in accordance with the following:
 - I. EECS GOs are issued for electricity generated from renewable energy source, in accordance with the provisions of paragraphs (d) or (e) hereof, as appropriate;
 - II. EECS GOs are issued for electricity generated from no-renewable source, only if the electricity is generated with **High Efficiency** according to the provisions of Law 4342/2015 and after deducting the electricity calculated under point (i), and excluding any import to the Production Device of renewable origin.
- E.3.6 Where the Production Device is stand-alone or belongs to an auto-producer or a net metering installation, the Qualifying Output is determined at the boundaries of the production device with the internal electricity grid.
- E.3.7 Where a Production Device operates under the regime of auto production or net metering, additional to measurements determined in E.3.6, DAPEEP collects from the Authorised Measurement Bodies the metering data of the consumed electricity associated with the Production Device. Therefore, whereas the qualifying output determines the amount of GOs to be issued, the consumed electricity determines the amount of GOs that should be cancelled upon issuance on behalf of the associated end consumer.
- E.3.8 No more than one EECS GO shall be issued per unit of electricity produced, i.e. each energy unit shall be considered only once. In the case of high-efficient cogeneration from renewable energy sources, only one EECS-GO will be issued per unit of electricity produced.

E.4 Energy Storage

This section demonstrates compliance with the following EECS Rules:

N6.4.4	N6.4.5	C3.2.4	C3.2.2	C3.6
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- E.4.1 Where a Production Device generates electricity from RES and has a storage device behind the meter, which is technically restricted from being charged from the grid, the Qualifying Output is the electricity produced and injected into the grid.
- E.4.2 Where a Production Device generates electricity from RES and has a storage device behind the meter, which can be charged from the grid, the Qualifying Output is the electricity produced and injected into the grid minus the consumed electricity as provided by the Measurement Body.
- E.4.3 EECS GOs are only issued for the Output of an energy storage device where the energy fed into the storage device has demonstrably been produced on the site of the storage device, the attributes of which can be readily determined.

E.5 Energy Carrier Conversion

This section demonstrates compliance with the following EECS Rules:

C3.2.2	C3.5.4(u)	C3.6	
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There is currently no energy conversion scheme in effect for Greece.

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

This section demonstrates compliance with the following EECS Rules:

N6.3.2	O6.3.2		
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- E.6.1 Where the Production Device uses fuels including renewable ones, such as biomass and biogas, the Qualifying Output shall be the injected electricity, not including the electricity consumed from the auxiliaries, multiplied by the Renewable Source Factor (ΣAE_i) as in E.3.4
- E.6.2 The owner of the Production Device must provide a Fuel Declaration as the one in Annex 4 verified by an independent auditor with regard to the accuracy of the measurements and information included.

E.7 Format

This section demonstrates compliance with the following EECS Rules:

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

- E.7.1 EECS GOs shall be Issued in such format as may be determined by AIB.
- E.7.2 For **High Efficiency** cogeneration the following additional data items are registered:
 - a. the use of heat produced
 - b. the total amount of electricity produced

- c. the total amount of heat produced
- d. the total amount of the fuel consumed
- e. the lower calorific value of the fuel used
- f. energy savings achieved
- g. the percentage of energy saving

E.8 Transferring EECS Certificates

This section demonstrates compliance with the following EECS Rules:

C5.1.1	C5.1.3	C5.1.6	
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- E.8.1 The Account Holder can get secure electronic access to their Account to initiate transfers of EECS GOs to another Account in DAPEEP EECS Registration Database or to another EECS Registration Database.
- E.8.2 A transfer is initiated by the selling Account Holder. Only persons duly authorized by the Account Holder may request the transfer of EECS GOs out of that Account Holder's Account.
- E.8.3 The transfer of EECS GOs and the confirmation of that transfer is automated where both Accounts (transferor and transferee) are in DAPEEP EECS Registration Database.
- E.8.4 In transfers 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. In addition, if the Account of the Transferee is in DAPEEP EECS Registration Database the transfer is concluded upon DAPEEP approval. If the transfer is not successful, the certificates are returned to the Account of the original Account Holder.
- E.8.5 Cancelled, expired, and withdrawn EECS GOS cannot be transferred.
- E.8.6 EECS GOs are allowed to be electronically imported to the EECS Registration Database of DAPEEP if they fulfil the following requirements:
 - They are issued by an Issuing Body which is designated by an EU/EEA Member State or a third country that has concluded an agreement with the Union on mutual recognition of GOs
 - They are issued for electricity produced form RES or **High Efficiency** CHP Production Devices
 - The lifetime of 12 months has not been expired.

For EECS GOs issued for **High Efficiency** CHP the additional information under E.7.2 a, b, c, e, f shall be registered in the GOs.

- E.8.7 EECS GOs cannot be transferred to the Account in DAPEEP EECS Registration Database that is held by a producer.
- E.8.8 EECS GOS issued under E.2.3 b are prohibited from being exported from the EECS Registration Database of DAPEEP.

E.9 Administration of Malfunctions, Corrections and Errors

This section demonstrates compliance with the following EECS Rules:

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

- E.9.1 Once issued, the details of an EECS GO cannot be altered or deleted..
- E.9.2 In the event of a failure of minor validation during transfer DAPEEP will make reasonable effort to correct and make the transfer happen.
- E.9.3 In the event of a complete failure of transfer DAPEEP will reinstate the GOs in the seller’s account and investigate the possibility to facilitate another attempt.
- E.9.4 In the event of impossible transfer for technical reasons ex-domain cancellation will be performed in the context of E.10.

E.10 End of Life of EECS Certificates – Cancellation

This section demonstrates compliance with the following EECS Rules:

C5.2.3	C6.1.1	C7.1.1	C7.2.1	C7.2.2
C7.2.3	C7.3.1	E3.3.10	N3.1.1	O3.1.1

- E.10.1 Cancellation is removing a Guarantee of Origin from circulation. Once Cancelled, a Guarantee of Origin cannot be moved to any other account, and so is no longer tradable.
- E.10.2 Cancellations are initiated by the relevant Account Holder in the EECS Registration Database and concluded upon approval of DAPEEP. Exception to the above is the cancellation of EECS GOs issued for the electricity produced but not injected to the grid. These EECS GOs are cancelled by DAPEEP with the beneficiary being the owner of the installation that consumes part of the produced electricity.
- E.10.3 EECS GOs may be cancelled for disclosure purposes. EECS GOS can be cancelled only once.
- E.10.4 The confirmation of a cancellation is made available to the Account Holders directly on their accounts in the EECS Registration Database. The Account Holders may issue cancellation statements in the format of Annex 5.
- E.10.5 Account Holders that may initiate the cancellation of EECS GOs in the Registration database of DAPEEP may be
 - Suppliers holding a Transferrables Account in DAPEEP EECS GO Registration Database in order to prove to the end consumers they represent in the electricity market the origin of the electricity they consume
 - Producers concerning the energy supplied to a consumer under a contract concluded with reference to the consumption of energy generated from RES or using CHP.
 - Any Account Holder to prove the origin of the electricity to a final customer established in another Member State of the European Union as an ex-domain cancellation only in case covered by E.10.6.

- E.10.6 Ex domain cancellation is allowed to be performed only in exceptional cases when the transfer of EECS GOs is not technically feasible through the HUB and only under the terms of a cancellation agreement between DAPEEP and the respective Issuing Body.
- E.10.7 Ex domain cancellation in an another EECS Registration Database for use in Greece is allowed only for EECS GOS that satisfy the criteria under E.8.6 and with beneficiary being a supplier of electricity in Greece for the purpose of proving the origin of electricity to the supplier’s customers. No ex-domain cancellation is allowed in favor of a Greek end consumer directly.
- E.10.8 EECS GOs cancelled from April 1st of each calendar year until March 31st of the next year in an EECS Registration Database for disclosure in Greece are used for proving the origin of electricity consumed during the calendar year.
- E.10.9 All cancellation requests are subject to approval by DAPEEP and are not automatically executed.

E.11 End of Life of EECS Certificates – Expiry

This section demonstrates compliance with the following EECS Rules:

C5.2.3	C6.1.1c	E6.2.1h	
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- E.11.1 EECS GOs cease to be valid twelve (12) months after the end of the period during which the Output to which they relate was produced.
- E.11.2 Validity expires automatically for all EECS GOs that are registered in Accounts in DAPEEP EECS Registration Database irrespectively of the validity period applying in the Issuing Registration Database.
- E.11.3 EECS GOs that have a validity more than 12 months after the end of the period during which the Output to which they relate was produced are automatically expired once being imported after the 12 months period

E.12 End of Life of EECS Certificates – Withdrawal

This section must demonstrate compliance with the following EECS Rules:

C5.2.3	C6.1.1	C8.2.1	
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- E.12.1 Withdrawal means the removal of EECS GOs from circulation when EECS GOs have been issued based on incorrect data according to E.9

F ISSUER’S AGENTS

F.1 Production Auditor

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- F.1.1 The Production Auditor in relation to the Greek Domain and EECS Guarantees of Origin for electricity is the administrator of the network at which the Production Device is connected.
- Production Devices are audited by IPTO as the Transmission System Operator if they are connected to high voltage network in areas covered by the interconnected electrical system.
- Production Devices are audited by HEDNO as the Distribution Network Operator if they are connected to medium or low voltage in the areas covered by the interconnected electrical system, or to the network of the non interconnected islands, irrespective of voltage level they are connected to
- F.1.2 For Production Devices that use cogeneration, or use some form of renewable energy source and fossil fuels, or use more than one fuels including renewable ones, such as biomass and biogas, the Production Auditor is a Certifying Body that is registered in the “*Certifying Bodies Register*” established by DAPEEP, being responsible to certify that the measuring devices (other than those located at the boundaries of the Production Device with Transmission System or Distribution Network) whose measurements are taken into account in the calculation of the energy produced, meet the standards set by the Regulatory Authority for Energy (RAE).

F.2 Production Registrar

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- F.2.1 The Production Registrar in relation to the Greek Domain and EECS Guarantees of Origin for electricity is DAPEEP as the Authorised Issuing Body.
- F.2.2 By virtue of law 3468/2006, DAPEEP is authorised to register all Production Devices that receive production support. The technical details recorded in the Registration Database for each of the above Production Devices are provided to DAPEEP by the relevant, according to C.4, support scheme operator.
- F.2.3 For Production devices not receiving production support, DAPEEP acts as the Production Registrar after assessing the application to Register a Production Device, submitted by the producer following the procedure described in D.3, and found complete.

F.3 Measurement Body(/ies)

This section demonstrates compliance with the following EECS Rules:

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IPTO SA as the Independent Transmission system Operator is the Measurement Body for electricity injected and consumed from the grid from Production Devices connected to High Voltage or electricity injected to the grid from Production Devices connected to Medium Voltage grid.

HEDNO SA as the Hellenic Distribution Network Operator is the Measurement Body for electricity injected to the grid for Production Devices connected to the Low Voltage grid, electricity consumed from the grid for Production Devices connected to Medium or Low Voltage grid, electricity produced in net metering installations and electricity injected or consumed for the Production Devices connected to the grid of non-interconnected islands.

AIA SA as the Athens International Airport Network Operator is the Measurement Body for electricity injected to the grid from Production Devices connected to the local grid.

G ACTIVITY REPORTING

G.1 Public Reports

This section demonstrates compliance with the following EECS Rules:

E3.3.4	HPA section 14.2		
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G.1.1 For each technology, statistical information is published on the following website [[Public Statistics¹](#)], 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 for the energy produced during each month prior to the current month,
- certificates imported through a bilateral connection.

G.1.2 DAPEEP shall deliver to AIB all statistics according to E.3.3.4 of the EECS rules by 22nd day of each month.

G.2 Record Retention

This section demonstrates compliance with the following EECS Rules:

A12.1.1	C5.1.2	D8.1.2	
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G.2.1 DAPEEP shall retain all records to which it has had access to, relating to any EECS GOs on its Registry for no less than 10 years after its Cancellation or Expiry or for a period that may be required by applicable national legislation.

G.3 Orderly Market Reporting

This section demonstrates compliance with the following EECS Rules:

E4.2.5	E4.2.6	E4.2.7	
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G.3.1 In case DAPEEP determines that an Account Holder fails to comply with the EECS Product Rules or determines that a Production Device does not meet PD Qualification Criteria for EECS GO, it shall:

¹ <https://uuapp.plus4u.net/uu-webkit-maing02/000a00118db548c2a586ed874d5f4f56/>

- a. take such action as is necessary to secure that EECS GO Certificates are only issued in respect of Production Devices within the DAPEEP Domain that satisfy the Production Device Qualification Criteria with regard to EECS GO. Such action shall include, in a case of material non-compliance by the Account Holder, the discontinuing of issuing of EECS GO until such time that the Production fulfils again the Production Device Qualification Criteria; and
- b. notify the AIB of such breach where DAPEEP is of the reasonable opinion that such breach could affect the transfer of EECS GOs out of its EECS GO Registration Database into the EECS Registration Database of another Member.

H ASSOCIATION OF ISSUING BODIES

H.1 Membership

This section demonstrates compliance with the following EECS Rules:

C2.2.6	C2.2.7		
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- H.1.1 The Association of Issuing Bodies brings together the issuing bodies of European energy certificate schemes. The AIB promotes the use of a standardised system, based on a harmonised environment, structures and procedures in order to ensure the reliable operation of European energy certificate systems. With its independent and peer reviews, and its periodic audits, the AIB provides a robust framework for reliable and fraud-resistant GO systems. Among others, it can also act by suspending transfers through the Hub. Membership of AIB facilitates mutual recognition of GOs across Europe.
- H.1.2 In case DAPEEP ceases to be a Scheme Member of an EECS Scheme, it shall revise its EECS Registration Database so that every Production Device registered therein ceases to be registered for the purposes of EECS. Certificate issuing under EECS would stop, and EECS GOs would remain tradable only until Expiry.
- H.1.3 In case DAPEEP ceases to be the Authorised Issuing Body for EECS Certificates, it shall revise its EECS Registration Database so that each Production Device in the Domain ceases to be registered for the purposes of EECS Certificates, it shall stop issuing EECS GOs and after a transitional period the registry shall be taken offline.

H.2 Complaints to the AIB

This section must demonstrate compliance with the following EECS Rules:

None directly	(J1.1.2)		
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- H.2.1 An Account Holder is allowed to notify the General Secretary 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.

I CHANGE CONTROL

I.1 Complaints to DAPEEP

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- I.1.1 DAPEEP will endeavour to deal with complaints received in written, as soon as possible and within a period of 20 business days. Treatment of the complaint and disputes will be made in accordance with the national legislation of Greece.

I.2 Disputes

This section must demonstrate compliance with the following EECS Rules:

None directly			
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- I.2.1 Any disputes and disagreements that may arise shall be communicated to DAPEEP in written and shall be resolved by negotiations. If no agreement can be reached within 20 business days, either party shall be entitled to raise the dispute to Regulatory Authority for Energy

I.3 Change Requests

This section demonstrates compliance with the following EECS Rules:

E4.2.3	E6.2.1e	L5.1.1	
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- I.3.1 An Account Holder may propose a modification to this Domain Protocol.
- I.3.2 Such a proposal will include a detailed description, including an exact specification of any proposed modification of this Domain Protocol and be passed in writing to DAPEEP.
- I.3.3 DAPEEP will process the change request and inform the AIB on the matter. Any changes to the Terms of Service require an approval of the national Energy Authority.

ANNEX 1 CONTACTS LIST

AUTHORISED ISSUING BODY/REGISTRY OPERATOR

Company name	DAPEEP
Contact person	Maria Koulouvari
Department	Guarantees of Origin and Energy Disclosure
Address	72 Kastoros str, Pireaus, 18545
Phone number	+302118806794
E-mail address	mkoulouvari@dapeep.gr
Website	www.dapeep.gr

COMPETENT AUTHORITY (IF DIFFERENT FROM THE AUTHORISED ISSUING BODY)

Company name	
Contact person	
Department	
Address	
Phone number	
E-mail address	
Website	

REGISTRY SUPPORT

Company name	DAPEEP
Contact person	Giorgos Antonopoulos
Department	Guarantees of Origin and Energy Disclosure
Address	72 Kastoros str, Pireaus, 18545
Phone number	+302118806715
E-mail address	geantonopoulos@dapeep.gr
Website	www.dapeep.gr

NGC SCHEME OPERATOR

Company name	
Contact person	
Department	
Address	
Phone number	
E-mail address	
Website	

PRODUCTION REGISTRARS

Company name	DAPEEP
Contact person	Giorgos Antonopoulos

Department	Guarantees of Origin and Energy Disclosure
Address	72 Kastoros str, Pireaus, 18545
Phone number	+302118806715
E-mail address	geantonopoulos@dapeep.gr
Website	www.dapeep.gr

PRODUCTION AUDITORS

Company name	
Contact person	
Department	
Address	
Phone number	
E-mail address	
Website	

MEASUREMENT BODIES

Company name	IPTO
Contact person	Nikolaos Kouveliotis Head of Branch Metering & Settlement
Department	Market Management
Address	89, Dyrachiou str, Athens, 10443
Phone number	+302109466912
E-mail address	n.kouveliotis@admie.gr
Website	www.admie.gr

Company name	IPTO
Contact person	Despina Sintihaki Head of Subsection Calculation & Validation of Energy Figures
Department	Market Management
Address	89, Dyrachiou str, Athens, 10443
Phone number	+302109466902
E-mail address	d.sintihaki@admie.gr
Website	www.admie.gr

Company name	HEDNO
Contact person	Dimitris Vranis
Department	Network Users Department
Address	23 Syngrou Avenue, Athens, 11743
Phone number	+302109209901
E-mail address	D.Vranis@deddie.gr
Website	www.deddie.gr

Company name	HEDNO
Contact person	Panagiota Pitsouni

Department	Islands Network Operation Department
Address	98-100 Syngrou Avenue, Athens, 11741
Phone number	+302109090420
E-mail address	P.Pitsouni@deddie.gr
Website	www.deddie.gr
Company name	AIA
Contact person	Ioannis Tagmatarchis
Department	Energy and Asset Management
Address	Διεθνής Αερολιμένας Αθηνών Ελ. Βενιζέλος, Σπάτα, 19019
Phone number	+302103536399
E-mail address	egm@aia.gr
Website	https://www.aia.gr/company-and-business/commercial-activities/grid-management/

[OTHER]

Company name	
Contact person	
Department	
Address	
Phone number	
E-mail address	
Website	

ANNEX 2 ACCOUNT APPLICATION/AMENDMENT FORM

APPLICATION FORM

for opening an Account

in the Guarantees of Origin Registration Database of DAPEEP

(Ministerial decision ΥΠΕΝ/ΔΑΠΕΕΚ/81331/3661/ ΦΕΚ Β 4246/10.08.2022)

INFORMATION ON THE APPLICANT			
Company Name or Name and Surname			
Trading name(s) (if trading under a different name to corporate name)			
Seat or residency Country / Address / Post Code			
Organisation number on national company register			
Tax Identification Number			
Tax Authority of registered offices			
Phone number			
e-mail ² This email address will be provided access to the GO Account of the applicant in DAPEEP GO Registry, with Account administration rights.			
Legal representative (authorized to sign on behalf of the company)			
Contact person (Name, email)			
Account Type	Producer <input type="checkbox"/>	Supplier <input type="checkbox"/>	Other <input type="checkbox"/> Specify :

² under email field please indicate an email address where you will receive the Account activation hyperlink, any future potential amendment of STC, other important notifications.

ANNEX 3 DEVICE REGISTRATION FORM

REGISTRATION FORM

for registering a Production Device

to the Guarantees of Origin Registration Database of DAPEEP

(Ministerial decision ΥΠΕΝ/ΔΑΠΕΕΚ/81331/3661/ ΦΕΚ Β 4246/10.08.2022)

New Registration	<input type="checkbox"/>	Declaration of Changes	<input type="checkbox"/>	Date	
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REGISTRANT

Does the Registrant hold an Account in DAPEEP's GO Registry (type Producer)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If yes, please indicate the Account No.		

PRODUCTION DEVICE

LOCATION			
Device Name Please fill the PD code assigned by the RES Registry (if applicable)		Latitude (WGS-84 or GGRS-87)	
		Longitude (WGS-84 or GGRS-87)	
Street/Location		Postal code	
Municipality		Prefecture	
Country	Greece		

DETAILS				
Energy Carrier of Output	Electricity	Grid connected	Yes <input type="checkbox"/>	No <input type="checkbox"/>
DSO connection number		Measurement Body		
Energy Input (Level 1 / 2 / 3 according to <u>EECS Fuel (energy source)</u>)	Fill in	Please fill in if multiple energy sources	Please fill in if multiple energy sources	Please fill in if multiple energy sources
Technology (Level 1 / 2 / 3 according to <u>EECS Technology codes</u> for	Fill in	Please fill in if multiple technologies are used	Please fill in if multiple technologies are used	Please fill in if multiple technologies are used

Production of Electricity)				
Installed electrical capacity (kW)	<i>Fill in</i>	<i>Please fill in if multiple technologies are used</i>	<i>Please fill in if multiple technologies are used</i>	<i>Please fill in if multiple technologies are used</i>
Installed thermal capacity (kW) In case of HEC				
Storage Device on site			Yes <input type="checkbox"/>	No <input type="checkbox"/>
Technology of storage		Installed Capacity (kW)		
The storage can be charged from the grid			Yes <input type="checkbox"/>	No <input type="checkbox"/>
Net metering / auto-producer			Yes <input type="checkbox"/>	No <input type="checkbox"/>
Commissioning Date				
Support Schemes	<i>Please choose from the options below (x)</i>	Start date	End date	Comments
No support				
Investment support				
Production support				
Combination of Investment & Production support				

METERING DEVICE (s)

ELECTRICITY OUPUT metering device			
Manufacturer		Model	
S/N		Indication on the single line diagram	
AUXILIARIES metering device			
Manufacturer		Model	
S/N		Indication on the single line diagram	

Additional metering devices according to article 5 of the Ministerial Decision

FUEL INPUT metering device(s)			
Fuel type		Manufacturer	

Model		S/N	
Indication on the single line diagram		Compliant to Standard:	
Certification Body			
<i>If appropriate, add more metering devices</i>			
HEAT metering device(s)			
Fluid		Manufacturer	
Model		S/N	
Indication on the single line diagram		Compliant to Standard:	
Certification Body			
<i>If appropriate, add more metering devices</i>			

Additional metering devices in case of Net metering / Virtual Net metering / auto production

ELECTRICITY production metering device (inside the installation)			
Manufacturer		Model	
S/N		Indication on the single line diagram	
ELECTRICITY consumption metering device (s) in case of virtual net metering			
Manufacturer		Model	
S/N		DSO connection number	
<i>If appropriate, add more metering devices</i>			

ANNEX 4 PRODUCTION/CONSUMPTION DECLARATION

Case 1. If the installation is a power station which, among other fuels, uses biomass, the owner of the Production Device shall submit for the issuance period:

- Mass of fuel which is renewable (MRE)
- Average calorific value of fuel which is renewable (CRE)
- Mass of the fuel which is not renewable (MnonRE)
- Average calorific value of fuel which is not renewable (CnonRE).

Case 2. If the installation is power station, which uses solar energy technology based on another technology other than photovoltaics and fuel which is not renewable, the owner of the Production Device shall submit for the issuance period:

- Amount of steam produced by solar energy (MRE)
- Average enthalpy of the steam produced by solar energy (CRE)
- Amount of steam produced by fuel (MnonRE)
- Average enthalpy of the steam produced by fuel (CnonRE).

The data included in the Consumption Declaration statement should be certified for their accuracy and reliability by a Certifying Body that is registered in the “Certifying Bodies Register” established by DAPEEP.

ANNEX 5 EECS CANCELLATION STATEMENT

This Cancellation Statement acts as a receipt for the Guarantees of Origin as listed below and for the purpose shown.

The environmental qualities of the associated energy have been consumed and will no longer be used for disclosure purposes in Greece. This Cancellation Statement and these Certificates may not be transferred to any party other than the energy supplier or end-consumer identified in this Cancellation Statement.

Performed by

Account Holder Name
Account Holder Code
VAT Number
Account
Domain
Street Postal
Code City
Country

On behalf of

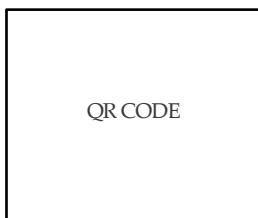
Name of Beneficiary
Consumption Start
Consumption End Country
of Consumption Location
of Beneficiary Usage
Category
Type of Beneficiary

Transaction Information

Transaction Date
Transaction Number
Cancellation Purpose
Volume Cancelled (sum)

In the event of discrepancies between the information contained in this cancellation statement and in DAPEEP Registration Database, the latter shall prevail.

Piraeus, Date



[View cancellation statement here.](#)



List of production devices included in cancellation

Production Device Name
Production Device ID
Country
Date Operational
Location
Technology
Energy Source
Volume Cancelled (sum)

Certificate Bundles cancelled.

Certificate Number (From - To)	Volume	Domain	Energy Source Technology	Issuing Date	Production Period	Production Device (Name, ID, Capacity)	Trading Schemes	Support Schemes
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