



for Cyprus

Prepared by Cyprus Transmission System Operator
Based on EECS Rules Release 7 v6

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Document Control

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2	New DP following the Audit carried out 12/19





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A Introduction

The framework specified in the EECS Rules and the detailed procedures and conditions specified in this Domain Protocol have the main objective of ensuring robustness and transparency in the facilitation of the EECS Schemes for all EECS Participants.

A Domain Protocol promotes quality and clarity, as it:

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

Important contact information is provided in Annex 1.





B General

B.1 Scope

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

Production Device qualification for this Domain will be determined by connection to the electricity system of Cyprus such that, in electrical terms, the Production Device is effectively located in Cyprus

- B.1.2. TSOC is authorised to Issue EECS Certificates relating to the following EECS Product(s): EECS-GO (Guarantee of Origin), including EECS-GO RES and EECS-GO HECHP
- B.1.3. TSOC is authorised to Issue EECS Certificates relating to the following EECS Product(s):
 - EECS GO
- B.1.4. TSOC is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):
 - Source
 - Technology, implying the mandate to issue certificates for High-Efficiency Cogeneration in accordance with EU Directive 2012/27 (EU). However the registry has to undergo another Technical Audit before it can issue any EECS GO Product Type Technology
- B.1.5. TSOC is authorised to Issue EECS Certificates relating to the following Energy Carriers: electricity and the following energy sources: renewable (including biomass)
- B.1.6. TSOC is authorised to Issue the following types of energy certificates outside of the EECS Framework: (e.g.) national GOs
 - The following parts of this Domain Protocol do not apply for these non-EECS certificates:
 - In part D1 "Submission of application is only possible if the applicant accepts the Registry's Standard Terms and Conditions.": the signing of an STC is not required in the national GO system
 - In part D1 "The applicant must also fill in and attach a Know-Your-Customer questionnaire prepared by the AIB. The purpose of this document is to protect the EECS markets from VAT frauds.": the fulfilment of a KYC questionnaire is not required in the national GO system
 - In part E7.2 "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. Before the Transfer has been completed, Certificates in transit are not valid for another Transfer, for a Cancellation nor for a Withdrawal. If the transfer is not successful, the certificates are returned to the original owner": Transfer of GOs outside the EECS registry is not performed via the AIB hub.
 - o G2. Change request

B.2 Status and Interpretation

- B.2.1. The EECS Rules are subsidiary and supplementary to national legislation.
- B.2.2. The EECS Rules and its subsidiary documents are implemented in Cyprus 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 C5 of this document.

- B.2.3. Capitalised terms used in this Domain Protocol shall have the meanings ascribed to them in the EECS Rules except as stated in section C.5 of this document.
- B.2.4. This Domain Protocol is made contractually binding between an EECS Participant and TSOC 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 GO in Cyprus is TSOC. 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 GO in Cyprus is CERA. Its role is defined by legislation to be responsible for the operation of EECS GO in Cyprus.
- B.3.3. The Authorised Measurement Bodies are TSOC, for RES plants with installed capacity greater than 8MW and for all HECHP plants, and Member's Agent, Distribution System Operator (DSO) in Cyprus, for RES plants with installed capacity equal to or smaller than 8MW. These 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.
- B.3.4. Contact details for the principal roles and Issuing Body agents are given in Annex 1
- B.3.5. The EECS Registration Database operated by TSOC can be accessed via the website https://gocy.dsm.org.cy.

The roles and the corresponding responsible organisations within the Domain of Cyprus are given in the table below. The responsibilities that come with each role are defined in the EECS Rules.

Role	Responsible organisation	Notes
Competent Authority	CERA	CERA is the designated Competent Authority in Cyprus according to the relevant law (see C.1). It has appointed TSOC as the Authorised Issuing Body, and TSOC and EAC to be the Measurement Bodies (see Annex 1 for details). CERA retains a supervisory role for the Cyprus (EECS) GO system.
Authorised Issuing Body	TSOC	TSOC is the Authorised Issuing Body in the Cyprus (EECS) GO system (see C.1).
Central Monitoring Office (CMO)	TSOC	TSOC is responsible for administering the operation of the Cyprus GO Registry (the EECS Registration Database for the domain of Cyprus).





Measurement Body	TSOC	For all RES-E and for all HE-CHP the Measurement Body is the TSOC.
Production Registrar	TSOC	The TSOC is responsible for assessing applications to register, in the EECS Registration Database, Production Devices for the purposes of a GO.
Production Auditor	TSOC	
Member's Agent	DSO-Cy	For RES-E only: DSO-Cy carries out the duties of the Measurement Body, for Productions Devices with installed capacity equal to or lower than 8 MW.
Registry Support	EXERGIA S.A.	Exergia S.A. developed the Cyprus GO Registry web application and provides support for the Registry's software and database infrastructure under contract with TSOC and acting on its behalf in performing the above-described duties.

B.3.6. Description of software used for Cyprus Registry

The Cyprus GO Registry is operated and administered by TSOC.

The Cyprus GO Registry software was developed in 2010 and is actively supported by Exergia S.A. There have been numerous upgrades since then in response to evolving needs and requirements set by TSOC. As part of the process of TSOC becoming a member of AIB, will be upgraded so that it may act as the Cyprus EECS Registration Database interoperating with the AIB-HUB.

The website address of the Cyprus Registry for GOs is https://gocy.dsm.org.cy

The Cyprus GO Registry was developed as a Microsoft ASP.NET Web Application relying on Microsoft SQL Server 2008R2 for data persistence.

Appropriate security measures are in place to safeguard the Cyprus Registry and its data. These include physical and network security measures, real-time data replication and disaster recovery provisions, full (daily, weekly, monthly) and incremental (half-hourly) automatic backups, per-record edit history logs, a system-wide audit-trail/manual recovery log,OS, SQL Server, and firewall logs, secure communications technology (SSL/HTLS), 3DSecure protection for electronic payments,appropriate access control, strong non-recoverable (securely hashed) passwords, a secure password resetting procedure, and protection against SQL injection, cross-site scripting (XSS), cross-site request forgery (CSRF), buffer overflow and other kinds of attacks.

Database entries are kept for at least 10 years.





B.4 General

- B.4.1. The EECS Rules and its subsidiary documents take precedence over this document except as stated in section C.6 of this document.
- B.4.2. The definitions used in this Domain Protocol shall have the meaning ascribed to them in the EECS Rules except as stated in section C.6 of this document.
- B.4.3. Retention of printed and electronic information regarding registries and data
- B.4.4. TSOC retains printed and electronic information received in relation to its role as the Issuing Body for no less than 10 years.

C Overview of National Legal and Regulatory Framework

C.1 The EECS Framework

C.1.1. For this Domain, the relevant local enabling legislation is as follows:

For RES-E GOs:

- Law N.112(I)/2013 implementing Directive 2009/28/EC into national legislation
- Note: Law N.33(I)/2003 was enacted for harmonisation with Directive 2001/77/EC. This law and its amendments are now replaced by law 112(I)/2013.
 Cyprus Energy Regulatory Authority (CERA) Decision No. 6271/2008 published on 12 Sept 2008.
- Cyprus Energy Regulatory Authority (CERA) decision No. 02/2010 published on 8 Oct 2010, available (in Greek only) at https://gocy.dsm.org.cy/docs/RES.pdf
- Cyprus Energy Regulatory Authority (CERA) decision No. 857/2013 published on 15 March 2013, which modifies decision No. 6271/2008.

For HECHP GOs:

- Law N.174(I)/2006 and subsequent amendments. This law was enacted for harmonisation with Directive 2004/8/EC. Harmonisation with Directive 2012/27/EU was completed with Law 150 (I)/2015 available (in Greek only) at: https://www.cera.org.cy/en-gb/nomothesia
- Regulative Administrative Act No. 185/2012 published on 25 May 2012, available (in Greek only) at https://gocy.dsm.org.cy/docs/CHPreg.pdf
- Cyprus Energy Regulatory Authority (CERA) decision No. 184/2021 published on 25 June 2021, available (in Greek only) at https://www.cera.org.cy/el-gr/apofasis/details/apofasi-184-2021.
- With regards to the HECHP reference values, Cyprus implements the Commission delegated regulation EU 2015/2402.

According to the above legislation, the Authorised Issuing Body for the issuing, cancelling or withdrawing of GOs is the TSOC. The TSOC is also responsible for operating and administering the EECS Registration Database of Cyprus. CERA is responsible for supervising the whole process for GOs and handling/ dealing with complaints. CERA is also responsible for recognising RES-EGOs and GOs from HECHP issued in other member states of the EU. Imported GOs are entered into a 'buffer zone' in the registry, and wait for CERA's approval. Once approved they are allowed in to the participants account.

Technical information for Registrants as well as guidelines for using the Cyprus Registry are included in the Technical Guides published at the Registry website at





https://gocy.dsm.org.cy/docs/TechManualRES_en.pdf for RES-E installations, and at https://gocy.dsm.org.cy/docs/TechManualCHP en.pdf for HECHP installations.

C.1.2. Evidence that the Authorised Issuing Body (Member) has been properly nominated as a Competent Authority or has been properly appointed to issue certificates for an ICS

GOs for RES

Law 112(I)/2013 clause 26 provides that CERA determines the Authorised Issuing Body for RES GOs, CERA's decision No, 6271/2008 published on 12 September 2008 (issued under Law 33(I)/2003) appoints the TSOC as the Authorised Issuing Body for RES GOs from production devices on the Transmission System. Decision 857/2013 which modifies decision No. 6271/2008, appoints the TSOC as the Authorised Issuing Body for RES GOs from production devices on both the Transmission and the Distribution System.

GOs for HECHP

The Authorised Issuing Body for HECHP GOs is authorised by CERA by decision published in the Official Gazette of the Republic - Cyprus Energy Regulatory Authority (CERA) decision No. 184/2021 published on 25 June 2021...

C.2 National Electricity Source Disclosure

C2.1 Legislation and regulation:

Disclosure of the energy mix is provided under Law N.211(I)/2012, which amends Law. N.122(I)/2003 ("Law Regulating the Electricity Market in Cyprus"). CERA is responsible for ensuring that the suppliers disclose the requested information to their customers.

Law 112(I)/2013 implementing Directive 2009/28 is defining the use of GOs for disclosure only.

Supplier fuel mix disclosure itself, was implemented by the Cyprus Energy Regulating Authority (CERA) with Decision 1279/2015, dated 12/5/2015. The regulation is made of two parts: 1) A calculation methodology for the national and supplier energy mix and 2) A technical manual for the calculation of the national and supplier energy mix and the Disclosure of Supplier energy mix.

The title of the Decision is the following:

'Calculation methodology of the electricity energy mixture of Cyprus and the energy mixture of suppliers and Technical Manual for the calculation of the electricity energy mixture of Cyprus and Suppliers and the Disclosure of energy mixture of electricity suppliers.'

C2.2 Summary of the disclosure methodology and process:

The methodology is based on the RE-DISS II Issuance based method, and provides for both supplier and production mix disclosure. GOs and the Residual Mix are the only accepted evidence for proving the source of electricity. CHP GOs cannot be used for disclosure purposes.

C2.3 Residual Mix:

Residual Mix is used for disclosing electricity for which GOs have not been issued, i.e electricity from fossil fuels and from RES without GOs. The European Attribute





Mix is used to balance any deficit/surplus of the national residual mix due to export/import of GOs.

C.3 National Public Support Schemes

The Cyprus government has launched in 2004 public Support Schemes for RES-E, based on feed-in tariffs. The Support Schemes are applied until today, and the feed-in tariff is determined by the Cyprus Energy Regulatory Authority (CERA). All support schemes are available (in Greek only) at https://energy.gov.cy/secondary-menu/.html

The Support Schemes are prepared and administered by the Ministry of Energy, Commerce and Industry under the "Special Fund for the promotion of RES and Energy Conservation". The "Special Fund" was established in 2003 under Law N.33(I)/2003 and now it is functioning under Law 112(I)/2013.

In 2012 the government has launched the "net metering" scheme for domestic photovoltaics.

On the 9th of March 2018 the government has launched the scheme for production of electricity from Renewable Energy Sources with the final objective to integrate the projects into the competitive electricity market. A total of 100MW of pv plants were licenced on this scheme.

On the 24th of February 2019 the government has launched the scheme for production of electricity by Renewable Energy Sources in the transitory arrangement of the electricity market with the final objective to integrate the projects into the competitive electricity market. A total of 250 MW of pv plants were licenced on this scheme.

Until now approximately 150 MW of RES projects licenced by the above schemes have been integrated in the system two aforementioned schemes (09/03/2018 and 24/02/2019).

C.4 RES in the electricity market

The transitory arrangement of the electricity market has been in operation since 01/01/2021 based on monthly bilateral contracts between independent producers of solar energy and suppliers. There are two independent suppliers and 25 RES producers with pv plants for a total capacity of 53 MW.

The competitive electricity market is now under preparation and is expected to be in operation in 2022. Until the integration of the projects of the 09/03/2018 scheme into the competitive electricity market, these projects will be receiving the regulated fuel avoidance cost defined by CERA.

C.5 **EECS Product Rules**

The EECS Product Rules as applied in Cyprus are set out within sections D and E of this document.

C.6 Local deviations from the EECS Rules

- C.6.1. No regulatory provision for TSOC to recover the cost of securing the agreement of another Account Holder to the withdrawal of GOs in case that these GOs cannot be withdrawn from the defaulting transferables account
- C.6.2. Producers have 60 days after the end of the reference period to apply for a GO.





D Registration

D.1 Registration of an Account holder

Applications

EECS Participant is an EECS Account Holder and/or an EECS Registrant.

EECS Account Holders in the Cyprus domain can only be of the following two categories:

- 1. **Producers,** i.e.: Owners of RES and HECHP Production Devices located in Cyprus.
- 2. **Suppliers**, i.e.: Electricity suppliers licensed to operate in Cyprus.

Only Producers can be EECS Registrants (i.e. have Production Device(s) registered in their name) in the Cyprus Domain. Producers may only register Production Devices they own.

The application for registration of EECS participants is given in Annex 2. The application is submitted online. Submission of application is only possible if the applicant accepts the Registry's Standard Terms and Conditions.

A participant registration application is considered complete if, in addition to the corresponding web form being correctly filled in and successfully submitted, the following documents, if applicable, have also been received by TSOC either in hard copy or in electronic format:

- 1. Certificate of Company Registration issued by the Department of Registrar and Official Receiver (legal persons only)
- 2. Certificate of Company Directors (legal persons only) issued by the Department of Registrar and Official Receiver
- 3. List of users authorised to act on behalf of the participant issued by the company directors (legal persons only)
- 4. The applicant must also fill in and attach a Know-Your-Customer questionnaire prepared by the AIB. The purpose of this document is to protect the EECS markets from VAT frauds.
- 5. Any other document TSOC considers relevant to establish the identity and reliability of the EECS Participant.

The Registration and other fees can be found in the following web address (CERA's decision 93/2021): https://www.cera.org.cy/en-gb/apofasis/details/apofasi-93-2021 and also on TSOC website (https://tsoc.org.cy/electricity-market/guarantess-of-origin-of-generation/)





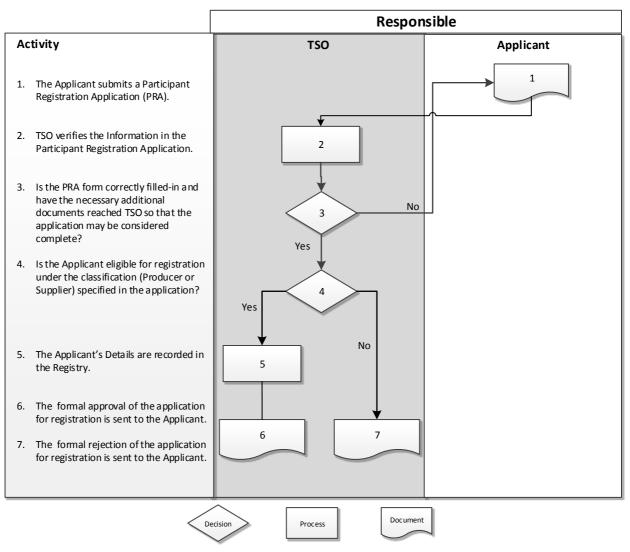


Figure 1 Participant Registration Process

TSOC processes participant registration applications within a period of ten (10) working days counting from the day that the application is deemed to have been complete in accordance with the above requirements. If all requirements for registration are met, the application will be accepted. If information is found to be incomplete or missing, TSOC may return the application to the applicant so that it may be amended and re-submitted after any problems have been resolved; alternatively, TSOC may, upon communicating with the applicant, decide to keep the application on hold until the applicant submits any missing documentation. If it is concluded from the information supplied that the applicant is not an eligible participant, the application will be rejected.

The differences between the procedure for registering Producers and the procedure for registering Suppliers are:

- 1. Once an application for the registration of a Producer is submitted, the users authorised to act on its behalf will be able to apply for the registration of its production devices.
- 2. Acceptance of the registration application of a Supplier results in immediate registration. Approval of a Producer's application to register results in registration





only after at least one of its Production Device registration applications is also approved (ownership of a registered Production Device is a prerequisite for being registered as a Producer).

D.2 Resignation of an Account Holder

A participant may at any time request to be un-registered and TSOC will expediently act upon this request. The request must be made in writing. Any GOs in the account to be closed, remain in the account until they expire. The account is closed only and immediately upon Expiry of the remaining GOs.

TSOC may also suspend a participant's registration should it be discovered that the conditions of registration are no longer valid.

In either case, it will be possible for TSOC to re-instate the participant, after ensuring the conditions of registration are met.

While a participant's registration is suspended, the participant cannot (a) cancel, transfer or accept any GO, (b) apply for new GO, or (c) register additional production devices.

D.3 Registration of a Production Device

Application

A Producer that has already successfully applied or is applying to become a registered EECS participant, may apply to register one or more of its production devices. The application is submitted online. Submission of application is only possible if the applicant accepts the Registry's Standard Terms and Conditions.

The production device registration fee, as approved by the Cyprus Energy Regulating Authority (CERA), is shown on the application form, and the applicant has to pay it online by credit card,

The Production Devices must meet the qualification criteria set forth by AIB in the EECS Rules. To be qualified, Production Devices must:

- be situated in Cyprus
- be capable of producing electricity.

Furthermore, for the specific EECS products supported by this Domain Protocol, Production Devices must:

EECS Product		Additional criteria
RES- GO	when relating to energy source	Have the ability to produce electricity from renewable energy source(s)
CHP- GO	when relating to technology	Be capable of High Efficiency Cogeneration and conforming to the definition of a high efficiency cogeneration unit meeting the criteria laid down in Annex II of the Cogeneration Directive

No Independent Criteria Schemes (ICS) exist in the domain of Cyprus.





The registration form for RES production devices is given in Annex 3 and for HE-CHP devices in Annex 4. Additionally, the Producer must submit to TSOC:

- A detailed Installation diagram clearly showing the Exit and Entry metering points, and also any Production Auxiliaries of the Production Device together with all possible sources of energy. Auxiliaries' consumption meters should also be indicated.
- 2. Details of the metering devices, as described in section E.3.
- 3. A Solemn Statement confirming the veracity of the information supplied as part of the application

The registration and other fees can be found in the following web address (CERA's decision 93/2021): https://www.cera.org.cy/en-gb/apofasis/details/apofasi-93-2021 and also on TSOC website (https://tsoc.org.cy/electricity-market/guarantess-of-origin-of-generation/)

Once a production device is registered the information provided on the registration forms (see Annexes 3 and 4) are made public via the registry.





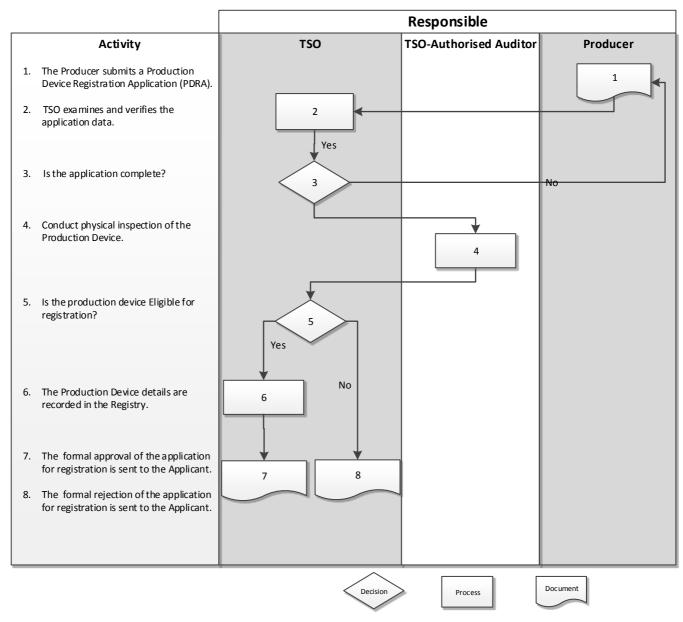


Figure 2 Production Device Registration Process

The processing of a production device registration application is divided in two stages:

- The first stage involves processing of the submitted data. The timeframe for this stage should be completed by TSOC within ten (10) working days. If TSOC is satisfied that everything is in order, it proceeds to the second stage. If TSOC finds out that information is missing or is false, it returns the application to the Producer indicating the additional documentation and information required. If it is concluded that the device is not eligible for registration, the application is rejected.
- The second stage involves the on-site inspection of the Production Device by TSOC or a third-party authorized by TSOC, as provided by relevant legislation. The timeframe for this stage is not to exceed thirty (30) working days. The Producer is obliged to allow and facilitate the inspection, providing any information requested by TSOC or the authorized third-party, including





access to the device records maintained by the Production Device Owner. The final decision on whether to accept or reject the registration application is made on the basis of the findings of the on-site inspection.

Thus, once TSOC receives the correctly completed application, registration of the production device is completed within fourty (40) working days. The required fee is paid after the registration.

The registration process is completed with the issuing of the unique Production Device identification number, and the assignment of the production device to the producer's account where certificates are going to be issued.

D.4 De - Registration of a Production Device

A Producer may at any time request any of its Production Devices be un-registered and TSOC will expediently act upon this request. The request needs to be made in writing.

TSOC may also suspend a Production Device's registration should it be discovered that the conditions of registration are no longer valid.

In either case, it will be possible for TSOC to re-instate the Production Device to its former status, at a future time, provided that the registration criteria are once again met and the Producer's latest verified communication with TSOC indicates the Producer wishes the Production Device to be re-instated. Alternatively, the Producer has to submit a Data Modification Request and TSOC will proceed as indicated in D.5.

If a Production Device's registration is suspended, the Producer cannot apply for new GO to be issued for energy produced by this device during the time of suspension.

D.5 Maintenance of Production Device 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.
- D.5.2. Participants are required to keep their records in the Registry up to date. If their data changes, they should submit electronically a Data Modification Request (DMR). This is processed in a similar manner to the original registration application and if TSOC approves it, the Registry's records are amended in accordance with the DMR. TSOC is entitled by law to refuse to issue GOs unless all relevant data is correct.

TSOC may also update a participant's record, upon detecting or being informed of any discrepancies.

Any changes, initiated either by the participant or by TSOC, are recorded in the Registry's detailed audit log. Participants and TSOC are automatically notified by the Registry for any submitted DMRs and their processing, as well as of any direct edits by TSOC.

D.5.3. Where the capacity of an existing Production Device increases for any reason, including refurbishment or enhancement of the Production Device, this is processed by TSOC in a similar manner to the original registration application.





D.6 Audit of Registered Production Devices

- D.6.1. Inspection of a Production Device is done when TSOC is informed that there is a change on the Production Device or randomly. .
- D.6.2. Refusal to permit access 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 Registant must re-apply for registration of the Production Device.
- D.6.4. Production Devices are audited prior to their acceptance for registration in the Registry. Audits are performed by TSOC or by persons authorised for this purpose by the TSOC, in accordance with the relevant legislation. TSOC has the right to perform random/unscheduled audits to registered Production Devices, in order to verify their compliance with the EECS Certification Scheme.

First onsite inspection

Prior to the Production Device being registered in the TSOC's registry, the TSOC conducts an onsite inspection of the installation. According to the law, the inspection may be carried out by TSOC themselves or authorized representatives of TSOC. The scope of the first onsite inspection is to confirm that all metering and other relevant equipment has not been altered in any way, and that the plant is operating as per the agreed specifications with the TSOC. If the inspection is successful, TSOC proceeds and registers the production installation in the Registry.

Subsequent onsite inspection

After the first onsite inspection, other infrequent onsite inspections may be conducted according to TSOC's judgment and/or when TSOC is informed that there is a change on the Production Device. All Producers are obliged to allow TSOC access at their production installation premises.

- D.6.5. 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.6.6. 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.6.7. 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.7 Registration Error/Exception Handling

D.7.1. Any errors in EECS Certificates resulting from an error in the registered data of a Production Device will be handled in accordance with section E.8.





E Certificate Systems Administration

E.1 Issuing EECS Certificates

EECS certificates can be issued in respect of the qualifying energy output of a registered Production Device during any period in which it was registered as qualifying for a given EECS Product, as described in D3.1 above, following the submission of a Production Declaration and a Consumption Declaration by the Producer that owns it; any GOs issued are initially placed in the Producer's Transferable Account.

An EECS GO shall only be Issued in respect of Output which has not been and is not being otherwise Disclosed, including by the Issue of any other Certificate of any variety..

EECS Certificates have a face value of 1 MWh

The application for the issuing of a GO can be submitted up until sixty (60) working days from the end of the Production Period, beyond this date a guarantee of origin will not be issued.

A GO issued prior to the registration of a Production Device in an EECS Scheme will not be converted to an EECS GO and will remain a national GO until it is cancelled or until it expires. It is impossible to transform a national GO into an EECS GO.





E.2 Processes

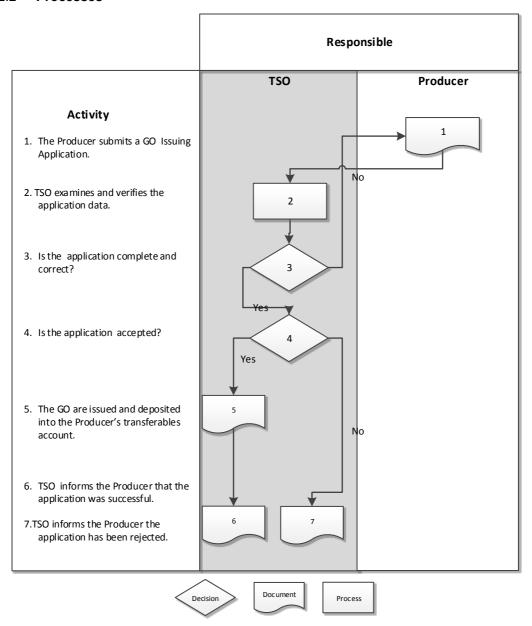


Figure 3 GO Issuing Application Process

GO Certificates are issued on the request of a Producer. Producers are given 60 working days after the end of the reference period to apply.

Once an issuing request is received a GO is issued within 20 working days.

GO Certificates are issued for the net amount of electricity produced.

EECS RES GOs are issued monthly for a production period of one calendar month on the basis of measurement values collected and verified by TSOC.

EECS CHP GOs are issued annually for a production period of one calendar year on the basis of measurement values collected and verified by TSOC.





In the case of HECHP plants using RES as power source (e.g. biogas from anaerobic fermentation, biomass, etc.), only one EECS RES GO or one EECS HECHP GO can be issued for the same MWh of electricity produced.

GOs are issued for the whole of a production period. If the production is not an integer number of MWh, then the remaining kWhs of energy are carried over to the next production period.

Issued certificates are registered in the Producer's transferables account. The Producer is automatically notified by e-mail.

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

E.3 Measurement

Only Production Devices equipped with metering devices certified by accredited laboratories are acceptable for registration in the EECS Registry. The Electricity Authority of Cyprus (Transmission and Distribution System Owner) operates an accredited metering laboratory centre and all electricity meters already installed in the Production Devices, have been certified by this laboratory.

Electricity metering equipment must satisfy the requirements and standards set forth in the Transmission and Distribution Rules (Grid Code) of Cyprus. The Transmission and Distribution Rules are available at www.tsoc.org.cy.

All other metering equipment must satisfy the technical requirements set forth in the Technical Guides published at the Registry website at https://gocy.dsm.org.cy/docs/TechManualRES_en.pdf for RES-E installations, and at https://gocy.dsm.org.cy/docs/TechManualCHP en.pdf for HECHP installations.

An EECS Certificate may only be issued by TSOC in respect of the output of a Production Device where the last day on which such output was generated is not more than twelve (12) calendar months after the first day on which the measured output was generated. In addition, an EECS Certificate may not be issued if the end of the production period is more than twelve (12) months ago.

E.4 Energy storage (including pumped storage)

EECS GO Certificates may be issued only for electricity which is net of consumption of pumping. There are currently no energy storage or pumped storage systems in Cyprus.

E.5 Combustion fuels (e.g. Biomass)

Where the Production Device has multiple energy sources, the Producer declares the fuel use in the application Form for the Issuing of GOs. EECS-GOs are issued only for the electricity produced from the share of renewable energy sources which was consumed by the Production Device, as provided by EECS Rules N6.3.2 (version 7.14).





E.6 Format

The Production / Consumption Declarations for the Issuing of EECS RES GO Certificates can be found in Annex 4. This is an electronic form which is filled in by the applicant directly through the Registry.

EECS Certificates shall be Issued in such format as may be determined by AIB from time to time. Each EECS Certificate shall contain the information mentioned in the ER C3.5.4 (version 7.14).

For CHP GOs additional data items to be included are:

- CO2 emissions
- · The use of heat
- The calorific values
- · The primary energy savings

E.7 Transferring EECS Certificates

E.7.1. Transfer initiation

The initiation of transfers is done by the selling account holder and executed immediately.

E.7.2. Transfer process and confirmation

The transfer of certificates and the confirmation of that transfer is automated and in accordance to the provisions of EECS Rules Section D.8.1.2.

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

The initiation of transfers is effected by the selling account holder. Only valid EECS GOs may be transferred. Cancelled, expired, and withdrawn certificates cannot be transferred. The transfer of certificates and the confirmation of that transfer is automated for transfers within the domain of Cyprus. The recipient and new owner of the GO is immediately informed of the transfer by email notification.

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. Before the Transfer has been completed, Certificates in transit are not valid for another Transfer, for a Cancellation nor for a Withdrawal. If the transfer is not successful, the certificates are returned to the original owner.

E.8 Administration of malfunctions, corrections and errors.

E.8.1. Once issued, the details of an EECS Certificate cannot be altered or deleted except to correct an error.

Where an error is introduced into, or with respect to the life cycle of a Cyprus-issued EECS certificate, TSOC will correct the error in or with respect to that EECS Certificate, so long as the GO have not been transferred out of the Cyprus domain; this may involve modification or withdrawal of the affected GO.





Where an error is introduced into, or with respect to the life cycle of, a non-Cypriot EECS certificate, TSOC will seek the cooperation of the Issuing Body responsible for the domain whence the EECS certificate originated to resolve the error.

- E.8.2. If TSOC determines that an EECS Participant is in breach of the Product Rules or determines that a Production Device does not meet the Qualification Criteria for an EECS Product in relation to which it is registered, it shall:
 - a) take such action as is necessary to secure that it is compliant with EECS Rules, such action to include, in a case of material non-compliance by the Registrant, the withdrawal of registration of the relevant Production Device for the purposes of that EECS Product; and
 - b) notify the AIB of such breach where TSOC is of the reasonable opinion that such breach could affect the transfer of EECS Certificates out of its EECS Registration Database into the EECS Registration Database of another Member.
- E.8.3. TSOC may alter or withdraw an EECS Certificate held in GO Registry to rectify an error which occurred prior to its transfer into the Account in which it is held at such time, provided:
 - a) the Account Holder has consented;
 - it is reasonably satisfied that any unjust enrichment of an EECS Participant as a consequence of such error has, to the extent reasonably practicable, been nullified; and
 - c) it is reasonably satisfied that the alteration itself does not give rise to undue enrichment of the Account Holder.
- E.8.4. In the event of a failure of minor validation during transfer, the registry operator will make reasonable effort to correct and make the transfer happen.

In the event of a complete failure of a transfer, the registry operator will reinstate the certificates in the seller's account and investigate to facilitate another attempt.

In the event of impossible transfer for technical reasons, the registry operator will perform ex-domain cancellation if appropriate, subject to provisions of E9.

E.9 End of life of EECS Certificates - Cancellation

Cancellations are initiated by the Account Holder via the electronic registry and executed immediately.

Cancellation is removing a Certificate from circulation. Once cancelled, a Certificate cannot be moved to any other Account, and so is no longer tradable.

An EECS RES GO certificate is cancelled for disclosure of energy source mix.

An EECS HECHP GO certificate cannot be cancelled for disclosure of energy source mix.

Ex Domain cancellations are allowed when it is not technically possible to export Certificates to the cancelling Domain; they are subject to approval by TSOC and therefore not executed immediately. For EECS ex-domain cancellations, it is required that there will be an agreement between TSOC and the concerned Electricity Scheme Member. When TSOC enters into such a Cancellation agreement with another





Electricity Scheme Member, it will inform the AIB General Secretary within one month of doing so.

In all cases of cancellation, the Cancellation Request is submitted by the duly authorised personnel of the Account Holder and shall contain all information as provided by article C7.2.1 of the EECS Rules (version 7.14).

E.10 End of life of EECS Certificates - Expiry

GO expire 12 months after the last day on which the Qualifying Output for that GO was generated This process is carried out automatically by the Registry. EECS Certificates which have expired are no longer valid for transfer.

E.11 End of life of EECS Certificates - Withdrawal

GOs are not withdrawn except in situations outlined in E8.

F Association of Issuing Bodies (AIB)

F.1 Membership

TSOC is a member of the Association of Issuing Bodies (AIB) and is bound by the quality standards of that Association for the international transfer of certificates. Continued membership is essential to facilitate international transfers of EECS Certificates.

In order to maintain the quality standard across the entire EECS network, all AIB members are subject to audit and periodic peer review.

Should TSOC withdraw from AIB membership, it will give notice in writing to the EECS Market Participant in accordance with the Standard Terms and Conditions. As a consequence, all records in the EECS Registration Database will be locked at that effective date, no further Issuing will take place and all Production Devices will cease to be registered for the purposes of EECS:GO unless the EECS Registration Database is acquired by another service provider.

F.2 Complaints to the AIB

EECS Market Participants may complain in writing the General Secretary of AIB (and provide evidence substantiating such allegation) if they consider that TSOC is in breach of any of the provisions of Product Rules in relation to EECS Products.

G Change Control (see EECS Rules)

G.1 Disputes

Complaints and disputes are handled by TSOC based on the legislation provisions.TSOC exerts every effort to solve the complaint via direct discussions with the complaining party.

If the complaints /disputes cannot be solved via friendly consultation and discussion, the complaining party has the right to ask, within 7 days (acc. to legislation), the Cyprus Energy Regulatory Authority (CERA) to intervene. Treatment of the complaint/ dispute by CERA will be made in accordance with the general rules of administrative law and the specific provisions of the Law Regulating the Electricity Market in Cyprus (Ref. Article 3 of N.162(I)/2006).





G.2 Change requests

Any EECS Participant may propose a modification to this Domain Protocol.

Such a proposal must include a detailed description, including an exact specification of any proposed modification of this Domain Protocol and be passed in writing to TSOC.

On receipt of such a request, TSOC will:

- (a) Respond to the request within 10 working days, describing the procedures to be followed, and estimating when a reply can be expected;
- (b) Consult with the other EECS Participants within Cyprus
- (c) Decide whether the request and its consequences are in its opinion reasonable;
- (d) Inform the EECS Participants within Cyprus the outcome of this decision.

TSOC may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.

Any modifications to this Domain Protocol are subject to approval by the AIB that such changes do not conflict with the Principles and Rules of Operation of the Association of Issuing Bodies (AIB) for The European Energy Certification System.

Implementation of modifications will be notified by email to the EECS Participant and will take effect on publication of the documentation on the website www.aib-net.org.

H Activity Reporting

H.1 Public Reports

For each technology, statistical information will be supplied to Secretary General by the 22nd of every month and for each month of the preceding 25 calendar months regarding:

- number of EECS GO issued, transferred internally intra-domain, imported, exported, cancelled, expired during each month prior to the current month,
- number of EECS GO issued, transferred internally intra-domain, imported, exported, cancelled, expired in relation with the energy produced during each month prior to the current month,
- number of EECS GO imported through a bilateral connection.

TSOC is also publishing statistical information on GOs issued, expired and cancelled per supplier available at:

https://gocy.dsm.org.cy/Main.aspx?s=stats&p=issuing

https://gocy.dsm.org.cy/Main.aspx?s=stats&p=disclosure

H.2 Record Retention

This is indicated in B4.





H.3 Orderly Market Reporting

All Account Holders must fulfill a KYC questionnaire based on the AlB model prior in the course of the Registration process.

In the event that any fraud is noticed, TSOC will inform the AIB and other relevant parties.





Annex 1: Contacts List

Authorised Issuing Body/ Registry Operator

Company name	TRANSMISSION SYSTEM OPERATOR – CYPRUS (TSOC)
Contact Person	Dr. Michalis Syrimis
Address	Evangelistrias 68, 2057 Strovolos, Cyprus
Phone number	+357 22277071
Fax number	+357 22611666
Email address	msyrimis@dsm.org.cy
Company Website	www.tsoc.org.cy

Competent Authority

Company name	CYPRUS ENERGY REGULATORY AUTHORITY
Address	20 Agias Paraskevis
	2002, Strovolos, Nicosia, Cyprus
	P.O. Box 24936
Phone number	+357 22666363
Fax number	+357 22667763
Email address	info@cera.com.cy
Company Website	www.cera.org.cy

Authorised Measurement Bodies

For RES plants with installed capacity equal to or smaller than a predetermined capacity (8MW at present), the Distribution System Operator (DSO) in Cyprus is the Member's Agent, as determined by CERA. DSO's duties include collection and verification of all electricity measurements of generating plants with installed capacity equal to or smaller than 8MW.

For RES plants with installed capacity greater than 8MW and for all HECHP plants the Authorised Issuing Body (TSOC) carries out the above duties.

Central Monitoring Office (CMO)

Same as Authorised Issuing Body.





Registry support

Registry support is provided to TSOC by external consultants. Their details are given below.

Company name	EXERGIA S.A
Contact Person	Mr. George Vlondakis
Address	Omirou&Vissarionos 1 106 72 Athens Greece
Phone number	+30 210 6996185
Fax number	+30 210 6996185
Email address	g.vlondakis@exergia.gr
Company website	www.exergia.gr

NGC Scheme Operator

Not applicable

Production Registrars

Same as Authorised Issuing Body.

Production Auditors

Same as Authorised Issuing Body.

Details of designated external Production auditors are provided on www.tsoc.org.cy.

Measurement Bodies

Same as Authorised Issuing Body.

Member's Agent (for RES-E equal to or smaller than 8MW)

Company name	ELECTRICITY AUTHORITY OF CYPRUS
Contact Person	Distribution System Operator Director
Address	11 Amfipoleos Str., 2025Strovolos, Cyprus
Phone number	+357 22 201000
Fax number	+357 22 201020
Email address	eac@eac.com.cy
Company Website	www.eac.com.cy





Annex 2: Account Application/ Amendment Form

Registry: EECS RES/HE-CHP GO Registry of Cyprus
Company name:
Legal status:
Address:
Location:
Postcode:
Country:
Telephone number 1:
Telephone number 2:
Fax:
Category:
Additional notes:





Annex 3: RES Production Device Registration Form

		•			
Regist	try: EECS RES G	O Registry of 0	Cyprus		
Owne	r:				
Owne	r's address:				
Tax re	egistration number	:			
Name	of the installation	:			
Install	ation code:				
Meter	code:				
Locati	on:				
Postco	ode:				
El. ca	pacity (MW):				
Year o	of commissioning	or of last signi	ficant retrofitting:		
Techn	nology (codes acc	ording to AIE	B EECS Fact Sheet 5):		
Fuels	(if applicable)				
	Fuels (codes according to AIB EECS Fact Sheet 5)	Quantity (tonnes or m³)	Energy source lower calorific value (MJ / Fuel Qty)		source % ution to total input
		I	ı	<u>I</u>	
CERA	licence number:				
Public	Support Scheme	s (according to	EECS Rules Fact She	et 3.):	
Additio	onal notes:				
sc	Sunstallation chematics:	upporting dod	cuments:		

HE-CHP Production Device Registration Form

Registry: EECS HE-CHP Registry of Cyprus





Owr	ner:					
Owr	ner's address:					
Tax	Tax registration number:					
Nan	Name of the installation:					
Insta	Installation code:					
Met	Meter code:					
Loca	Location:					
Pos	tcode:					
Elec	trical capacity	(MW):				
Yea	Year of commissioning or of last significant retrofitting:					
CHF	CHP technology (codes according to AIB EECS Fact Sheet 5):					
Out	Output voltage:					
The	Thermal output type:					
Fue	Fuels					
Fuels (codes according to AIB EECS Fact Sheet 5)	Quantity (tonnes or m ³)	Energy source lower calorific value (MJ / Fuel Qty)	Energy source % contribution to total energy input	CO₂emmisions (kg/GJ)		
Owr	n Electrical con	sumption (%):				

own Electrical concamption (70)

Electrical efficiency (%):

Thermal efficiency (%):

CERA licence number:

Public Support Schemes (according to EECS Rules Fact Sheet 3.):

Additional notes:

	Supporting documents:
Installation schematics:	
Solemn Statement:	









Annex 4: RES GO Production / Consumption Declaration

Registry: EECS RES GO Registry of Cyprus
Purpose: Guarantee of Origin RES
Country of issue: Cyprus
Producer:
Owner's address:
Tax registration number:
Installation name:
Installation code:
Meter code:
Location:
Postcode:
El. capacity (MW):
Date of construction or last significant retrofitting:
Technology (codes according to AIB EECS Fact Sheet 5):
Fuels (if applicable)

Fuel (codes according to AIB EECS Fact Sheet 5)	Quantity (tonnes or m³)	Energy source's lower heating value (MJ / Fuel Qty)	Energy source % contribution to total energy input

Reference period:

Total amount of electricity produced during the reference period (MWh):

Total amount of electricity that was supplied to the transmission or distribution system (MWh):

Total amount of electricity generated from RES during the Reference Period (MWh):





Public Support Schemes (according to EECS Rules Fact Sheet 3.):

Other Certificates with Other Purpose issued (related to the same energy):

Additional notes:

HE-CHP GO Production / Consumption Declaration
Registry: EECS HE-CHP GO Registry of Cyprus
Purpose: Guarantee of Origin HE-CHP
Country of issue: Cyprus
Producer:
Owner's address:
Tax registration number:
Installation name:
Installation code:
Meter code:
Location:
Postcode:
El. capacity (MW):
Date of construction or last significant retrofitting:
CHP technology (codes according to AIB EECS Fact Sheet 5):
Reference period:
Output voltage of production device:
Thermal output type:
Electricity to heat ratio :
Heat produced along with electricity (MWh):
Produced heat use:
Total amount of electricity produced during the reference period (MWh):
Total amount of electricity that was supplied to the transmission or distribution system (MWh):
Total amount of electricity produced by HE-CHP during the reference period (MWh):





Fuels:

Fuel (codes according to AIB EECS Fact Sheet 5)	Quantity (tonnes or m ³)	Energy source's lower calorific value (MJ / Fuel Qty)	Energy source % contribution to total energy input	CO ₂ emissions (kg/GJ)

Ambient Temperat	ture:			
Exhaust gas Temp	perature:			
Own electrical consumption (%):				
Electrical efficiency	y (%):			
Thermal Efficiency	· (%):			
Total efficiency (%):			
Reference electric	al efficiency value for sep	parate electricity production	on (%):	
Reference thermal	l efficiency value for sepa	arate heat production (%):	•	
Primary Energy Sa	avings (%):			
Public Support Sch	hemes (according to EEC	CS Rules Fact Sheet 3.):		
Other Certificates	with Other Purpose issue	ed (related to the same er	nergy):	
Additional notes:				



