



EECS

DOMAIN PROTOCOL

FOR

ENERGINET SYSTEMANSVAR A/S – DENMARK

Document Reference	AIB-2024-DP- Energinet Denmark
Prepared by	EECS Scheme Member
Release	1
Date	22 April 2024
Based on EECS Rules	Release 8 v1.6

DOCUMENT CONTROL

Version	Date	Originator	Reviewers
1	Feb. 22 nd 2016	MOH	L. Switten/ L. Roebke
2	August 10 th 2020	MOH	E. Kelly / L Roebke
3	March 14 th 2024	KOD / SEM	C. Toufexis/L. Rebreau

Version	Date	Approver	Responsibility
1	Feb. 2016	ARY	MOH
2	Aug. 2020	ARY	MOH
3	April 2024		KOD/SEM

CHANGE HISTORY

Version	Description
1	Updated after audit 2015/16 New AIB Template v7.
2	Mandatory Audit Update. Misspelling corrected in a header. Company name Energinet.dk replaced by Energinet.
3	Mandatory Audit Update. Updates according to updated AIB template and EECS Rules

TABLE OF CONTENTS

A	Introduction.....	- 5 -
B	General	- 6 -
B.1	Scope	- 6 -
B.2	Status and Interpretation	- 7 -
B.3	Roles and Responsibilities	- 7 -
B.4	Summary: Issuance scope	- 9 -
C	Overview of National Legal and Regulatory Framework.....	- 10 -
C.1	Energy Market Context for Electricity	- 10 -
C.2	The EECS Framework.....	- 11 -
C.3	National Electricity Source Disclosure	- 12 -
C.4	National Public Support Schemes	- 14 -
C.5	EECS Product Rules.....	- 14 -
C.6	Non-EECS certificates in the Domain	- 14 -
C.7	Local Deviations from the EECS Rules	- 14 -
D	Registration	- 15 -
D.1	Registration of an Account Holder	- 15 -
D.2	Resignation of an Account Holder.....	- 17 -
D.3	Registration of a Production Device.....	- 17 -
D.4	De-Registration of a Production Device	- 21 -
D.5	Maintenance of Production Device Registration Data.....	- 21 -
D.6	Audit of Registered Production Devices.....	- 22 -
D.7	Registration Error/Exception Handling	- 22 -
E	Certificate Systems Administration.....	- 23 -
E.1	Issuing EECS Certificates.....	- 23 -
E.2	Processes	- 23 -
E.3	Measurement.....	- 25 -
E.4	Energy Storage (Including pumped Storage).....	- 26 -
E.5	Energy Carrier Conversion.....	- 26 -
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	Activity Reporting	- 31 -
F.1	Public Reports.....	- 31 -
F.2	Record Retention.....	- 31 -
F.3	Orderly Market Reporting	- 32 -
G	Association of Issuing Bodies	- 33 -
G.1	Membership	- 33 -
G.2	Complaints to the AIB.....	- 33 -
H	Change Control.....	- 34 -
H.1	Complaints to Energinet.....	- 34 -
H.2	Disputes.....	- 34 -
H.3	Change Requests	- 34 -
Annex 1	Contacts List	- 36 -
Annex 2	Account Application/Amendment Form	- 38 -
Annex 3	Device Registration Form	- 38 -
Annex 4	Production/Consumption Declaration	- 38 -
Annex 5	EECS Cancellation Statement	- 39 -

A INTRODUCTION

This Domain Protocol describes how the EECS Standard has been implemented in a certain Domain (here: Denmark) for a certain type of energy certificate (here: Electricity only) 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. This Domain Protocol is still under approval of AIB.

In case a Danish legal text has been translated into English the Danish version will always be the one prevailing and the translation is not legally binding.

A Domain Protocol promotes quality and clarity, as it:

- explains local rules of the domain;
- 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 (where eligible), supporting each of the above.

Important contact information for the domain 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 Denmark 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 in Denmark.
- The borders of the Domain are determined as follows: the borders surrounding bidding zones DK1 and DK2. DK1 represents Western Denmark (Jutland and Funen). DK2 represents Eastern Denmark (Zealand, Bornholm and southerne-eastern islands). In case new bidding zones are introduced within the Danish borders these will automatically be include under this Domain Protocol.
 - Production devices located at the border of the Domain are handled as follows: If the production device is placed physically outside Denmark but is directly connected to the Danish electricity system and measuring is carried out by a Danish Measurement Body, the device is considered to belong to the Danish domain and the procedures, rights, and obligations of this Protocol applies.
- B.1.3 Energinet Systemansvar A/S (hereafter in short: Energinet) is authorised to Issue and Transfer EECS Certificates relating to the following EECS Product(s):
- EECS GO
Energinet has been properly appointed as an Authorised Issuing Body for EECS GO(s) under Executive Order no. 913 of 22/06/2023 pursuant to the Electricity Act. The Danish Energy Agency is responsible for supervising Energinet's role.
The Executive Order can be found here:
[Executive order no. 913 english translation \(energinet.dk\)](#)
- B.1.4 Energinet is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):
- Source and Technology product types for renewable electricity
- B.1.5 Renewable energy sources are defined according to the Danish Act on the Promotion of Renewable Energy §2 paragraph 2 as: “Renewable energy sources are renewable non-fossil sources in the form of wind power, solar energy, geothermal energy, ambient energy, tidal and wave energy and other forms of ocean energy, hydropower, biomass, landfill gas, gas from sewage plants and biogas.” (Act on the Promotion of Renewable Energy (in Danish) - [VE-loven \(retsinformation.dk\)](#))
- B.1.6 Energinet is an observer to the AIB Gas Scheme and member of ERGAR hub. Energinet is issuing gas GOs independently of the EECS scheme. The guidelines for guarantees of origin for renewable gas can be found here: [Biomethane GO guidelines \(energinet.dk\)](#)
-

B.1.7 Energinet does not issue electricity certificates outside of the EECS Framework.

B.2 Status and Interpretation

- B.2.1 This document refers to EECS Rules 8 version 1.7. It is based on the Domain Protocol template release from February 2024.
- B.2.2 The EECS Rules are subsidiary and supplementary to any national legislation.
- B.2.3 The EECS Rules and its subsidiary documents are implemented in Denmark 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 Energinet 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

- B.3.1 The Authorised Issuing Body for EECS GO in Denmark is Energinet Systemansvar A/S (in short: Energinet) as the System Operator of Denmark for electricity. Its role is to administer the EECS Registration Database and its interface with the EECS Transfer System.
- B.3.2 Energinet has the authority to issue Gas GOs (this also includes e-gas GOs). This is currently not done under the EECS scheme.
- B.3.3 The Competent Authority for EECS GO in Denmark is Energinet. Its role is defined by legislation to be responsible for the operation of guarantees of origin (as EECS GO) in Denmark.
- B.3.4 The Authorised Measurement Body in Denmark are the Distribution System Operators (DSOs). An overview of these can be found on the website [Distribution System Operator \(Green Power Denmark\)](#). They are the bodies established under national regulation to be responsible for the collection and validation of metering readings and measured volumes of energy produced (as well as consumed) and used in financial market settlement processes.
- B.3.5 The following roles are defined in the Danish Domain:

Issuing Body

Energinet has been designated as Competent Authority and Issuing Body for Denmark, and operates and supervises issuance, transfer and cancellation of EECS GO and HEC-GO certificates in Denmark.

Energinet is responsible for the operation of the EECS Scheme for this Domain. Some of the functions facilitating system operation may be contracted out to approved agents by Energinet.

Central Monitoring Office (CMO)

The Central Monitoring Office (CMO), also referred to as Energinet, is the primary role in the operation of the EECS Scheme in Domain Denmark. The function of the CMO is to administer and maintain the database of the qualifying Production Devices and EECS Scheme Certificates for the Domain.

Charges (fees) for accounts and transactions are shown on the website www.energinet.dk.

The department “Gas Market” in cooperation with “Market Operations Electricity” are the units appointed by Energinet to administer the operation of the EECS Registration Database. The same departments handle gas GOs. These units maintain the first-level account holder support regarding certificates, measurement data, errors, and corrections for the EECS GO Scheme.

Grexel Systems Ltd is first-level support regarding technical issues related to the operation of the central registry system.

Energinet is a member of the Association of Issuing Bodies.

EECS Market Participant

EECS Market Participant is an Account Holder and/or a Registrant of a Production Device on the EECS Registration Database.

Production Auditor

Production Auditors in Denmark are the Distribution System Operators (DSO). In the Danish domain the DSO is also referred to as Grid Companies.

The role of the Production Auditor is to verify Production Declarations and (where appropriate) Consumption Declarations made by Registrants of Production Devices to collect and distribute relevant meter readings for renewable energy production and to ensure the continued fulfilment of the conditions for registration of the Production Device.

The operation of the Production Auditor is under the control of the Danish Energy Agency. Production Auditor is independent of the owner or the Registrant of the Production Device.

Production Registrar

The full list of authorised Production Registrars (The Distribution System Operators (DSO) with concession) is given in Annex 1.

The structure of charges to the applicant for this service and verification timings for each Production Registrar are shown on the website of each production registrar.

The Registrant, on behalf of the owner and operator, of a Production Device must permit Energinet, or a Production Registrar as its agent, to access the Production Device or records associated with it, its energy output and sources for the purpose of issuing EECS GO or other relevant purposes.

Energinet must verify the information given in applications for registration of Production Devices based on information put forward by other Production Registrars (DSOs or the Danish Energy Agency).

Authorised Measurement Body

The Distribution System Operator (DSO) is the Authorised Measurement Body. The Authorised Measurement Body is responsible for the measurement of metering data relating to the output of the Production Device within a given geographical area. They are the bodies established under Danish law to be responsible for the collection and validation of measured volumes of energy used in market settlement processes. The Authorised Measurement Bodies are responsible for collecting production declarations in relation to production devices regarding EECS rule N6.3.1 and N6.3.2 in order to provide meter readings for renewable electricity production only to Energinet.

The full list of Measurement Bodies approved to provide data for EECS Scheme in Denmark is shown on the website [Distribution System Operator \(Green Power Denmark\)](#).

- B.3.6 Contact details for the principal roles and Issuing Body agents are given in Annex 1.
- B.3.7 The EECS Registration Database operated by Grexel Systems Ltd can be accessed via the website [G-REX \(grexel.com\)](#). The registry forms and the tariffs for services can be found on Energinet's website: [Documents and forms for certificates of origin \(energinet.dk\)](#) and [Guarantees of origin-how much \(energinet.dk\)](#).
- B.3.8 There are no Scheme Operator for the Non-Governmental Certificate in the Danish Domain.
- B.3.9 The following EECS Product and Label Scheme combinations can be Issued under this Domain Protocol:

EECS Product	Label
EECS GO	N/A
HEC-GO	N/A

- B.3.10 Energinet is the only Issuing Body for electricity in this Domain. Energinet is also Issuing Body for gas and responsible for issuing Guarantees of Origin for gas in Denmark.

B.4 Summary: Issuance scope

- B.4.1 Energinet has been authorised to Issue the following types of energy certificates:

Issuing Body issues certificates for Electricity		Electricity – Product Type	
	Energy Source (<i>Renewable only</i>)	Source	Technology (= High-Efficiency Cogeneration)
EECS GO	Hydropower	x	
	Solar	x	
	Wind	x	
	Biomass	x	
	Biogas	x	

National GO (non-EECS*)	N/A		
EECS Support Certificate	N/A		
EECS Target Certificate	N/A		
EECS NGC (name)	N/A		
National certificate other than GO (non-EECS*)	N/A		

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

Issuing Body issues certificates for Gas		Type of Gas		
	Energy Source			
National GO (non-EECS*)	Renewable	Agricultural gas	Gas from organic waste digestion	Sewage gas

(*) 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 Danish market is a mature market, with a high degree of digitalization. All consumption and production are measured on hourly basis.

Denmark is part of the European Union and the European Energy Market. The starting point for the electricity reform in 1999 was the EU's electricity market directive from 1996, which established common EU rules for the internal market for electricity. With the 1999 Act, the directive was fully implemented in Danish law, e.g. with the implementation of full market opening for all consumers (with effect from start of 2003).

Denmark has ratified all subsequent electricity directives and included provision in Danish law including provisions of the Renewable Energy Directive.

Energinet is appointed through legislation as the authority for issuing, transfer, cancellation, and supervision of guarantees of origin of electricity from renewable energy sources covered by the Danish Act on Electricity Supply.

The Danish market for guarantees of origin is mature but growing in number and interest. At the end of 2023, the number of account holders in the Danish electricity register system was 44. The market

players are a mixture of plant owners (producers), traders and electricity suppliers. Some players take on more roles in the chain.

The total amount of issued GO in 2023 was approx. 26,5 mio. covering approx. 4.500 production devices in the Domain. This constitutes in the vicinity of 85% of total electricity production in Denmark.

C.2 The EECS Framework

C.2.1 For this Domain, the central relevant national legislation follows:

- [Excerpts of the Act on Electricity Supply](#)
Rules regulating that the one requesting guarantees of origin will meet the necessary costs of issuance, transfer and cancellation of guarantees of origin and the control and supervision of the accuracy of the information.
Entered into force on May 12, 2021.
- [Executive order no. 913 english translation \(energinet.dk\)](#)
Entered into force on June 22, 2023.
- [Notice of origin for electricity from high efficiency cogeneration \(in Danish\)](#)
Entered into force on May 20, 2016.

The following relevant EU Directives are implemented through the legislation in Denmark:

- “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 and amending and subsequently repealing Directives 2001/77/EC, 2003/30/EC and 2009/28/EC”
- “DIRECTIVE 2019/944 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 June 2019 on common rules for the internal market for electricity and amending Directive 2012/27/EU”
- “COMMISSION DELEGATED REGULATION (EU) 2015/2402 of 12 October 2015 reviewing harmonised efficiency reference values for separate production of electricity and heat in application of Directive 2012/27/EU of the European Parliament and of the Council and repealing Commission Implementing Decision 2011/877/EU”.

C.2.2 Energinet has been properly appointed as an Authorised Issuing Body for EECS GO(s) under Executive Order no. 913 of 22/06/2023 “Bekendtgørelse om oprindelsesgaranti for elektricitet, gas, fjernvarme og fjernkøling fra vedvarende energikilder” pursuant to the Electricity Act. The Executive Order can be found here:

- [Executive order no. 913 english translation \(energinet.dk\)](#)

C.2.3 Energinet does not issue any Non-Government Certificates (NGC).

C.3 National Electricity Source Disclosure

C.3.1 For this Domain, the authorised body for supervision of Disclosure of the origin of energy towards consumers is Energinet. This body is responsible for supervision of disclosure of the origin of the following Energy Carriers: Electricity.

C.3.2 For this Domain disclosure for gas is not implemented.

C.3.3 Danish legislation concerning disclosure is found in Executive Order BEK nr 1322 af 30/11/2010. "Bekendtgørelse om deklaration af elektricitet til forbrugerne (Elmærkningsbekendtgørelsen)". The Executive Order can be found here (in Danish): [Bekendtgørelse om deklaration af elektricitet til forbrugerne \(Elmærkningsbekendtgørelsen\) \(retsinformation.dk\)](#)

C.3.4 Description of procedures and provisions for disclosure can be found on the webpage of Energinet.dk:

[Eldeklaration \(energinet.dk\)](#)

The methodology and process for disclosure can be summarised as follows:

By 1st July each year electricity suppliers must provide disclosure information based on the previous calendar year to end-customers. Suppliers may use a general electricity declaration (default) or an individual electricity declaration (for explicit tracking) of specified energy deliveries for end-consumers.

C.3.5 Energinet prepares the general declaration according to requirements by law (Elmærkningsbekendtgørelsen - Executive Order BEK nr 1322 af 30/11/2010: [Bekendtgørelse om deklaration af elektricitet til forbrugerne \(Elmærkningsbekendtgørelsen\) \(retsinformation.dk\)](#) [in Danish])

C.3.6 Companies can on voluntary basis market individual electricity products based on guarantee of origin. Only EECS GOs and HEC GOs are used for Disclosure.

C.3.7 Following rules apply when using GOs from renewable energy sources (EECS GO) for disclosure in Denmark:

- All EECS GO which are meant to be used for the disclosure period of year x must be cancelled within their 12 month lifetime and before deadline of 31 March year x+1.
- EECS GO which are not expired until this deadline can be used for the disclosure period of year x+1 instead.
- EECS GO issued for production in year x cannot be used for the disclosure period of year x-1 and can until 31 March year x+1 only be used for the disclosure period of year x.

C.3.8 The law on electricity disclosure applies on electricity suppliers only.

- C.3.9 Energinet provides more comprehensive information on disclosure obligations and requirements for declarations to end-consumers, see:
- [Guidelines for preparing individual label \(in Danish\)](#)
- C.3.10 Results of the disclosure process are published through the electricity declarations and are publicly available on the Energinet website by June 1st each year (for the previous calendar year), see:
- [Eldeklaration \(energinet.dk\)](#)
- C.3.11 The methodology of the residual mix calculation is as follows:
By 1 June each year Energinet publish the Danish residual mix (general declaration) for year x (previous calendar year).
The calculation of the general declaration in year x is done as:
Available production = Electricity production in Denmark year x - Issued EECS GO in Denmark in year x + expired EECS GO (for production in April year x-1 to March year x).
In case of a deficit between available production (without GO) and untracked/disclosed consumption the European Attribute Mix is used for balancing out the deficit.
- C.3.12 The annual disclosure calculations are published here and also includes more comprehensive explanation to the calculation method (only in Danish): [Eldeklaration \(energinet.dk\)](#)
- C.3.13 Cancellation for usage in another Domain (i.e., Ex-Domain Cancellations) are allowed only under the following restrictions: only to non-AIB countries within EU.
- C.3.14 An Ex-Domain Cancellation (EDC) must always be approved in advance by Energinet to ensure the necessary documentation and security for the transaction to avoid cheating or double counting. For an EDC, the cancellation notice must state, in addition to general information, that the guarantee of origin covers consumption in another specified country and indicate the specific customer ("beneficiary").
- C.3.15 An EDC Agreement requires:
- 1) the provision by the Cancelling Scheme Member to the Scheme Member for the other Domain of statistical information concerning Cancelled EECS Certificates; and
 - 2) the inclusion on any related Cancellation Statement of the identity of the Domain, Account Holder, and purpose for which the EECS Certificates were Cancelled
- C.3.16 Any EDC Agreement with another Scheme Member will be informed to the General Secretary within one month of doing so.
- C.3.17 Requester must cover all relevant expenses for an EDC if approved.

C.4 National Public Support Schemes

- C.4.1 Level of support has changed numerous times over time, but a general rule has been that a support scheme given at the time of grid connection, applies in the lifetime of the production unit. Most newer support schemes have been given for a duration of 20 years.
- C.4.2 Duration of a given support scheme is given through relevant legislation. Information on support scheme legislation for a Production Device can be found in the Master Data Registry for Electrical Production Units hosted by the Danish Energy Agency.
- The support schemes are adjusted regularly in relation to the current politics. The relevant supporting schemes is listed in the link below and will be updated when support schemes change over time. An overview of different support schemes approved over time can be found her (in Danish): [Support Schemes for Renewable Energy | Energistyrelsen \(ens.dk\)](#)
- C.4.3 In Denmark renewable resources are supported through fixed feed-in tariffs, price premiums and CfD-schemes as Production Support.
- C.4.4 Support schemes and approval of support is provided by the Danish Energy Agency. Energinet plays no part of this process, and support schemes have nothing to do with Energinet's role as Issuing Body.
- C.4.5 No certificates exist in Denmark for the purpose of Public Support.
- C.4.6 New support schemes are primarily expected in the way of two-sided contract-for-difference (CfD) support scheme also in accordance with the EU regulation.

C.5 EECS Product Rules

- C.5.1 The EECS Product Rules as applied in Denmark are set out within sections Registration and Certificate Systems Administration of this document.

C.6 Non-EECS certificates in the Domain

- C.6.1 There are no other certificate schemes in Denmark besides EECS GOs.

C.7 Local Deviations from the EECS Rules

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

- C.7.1 Contrary to EECS Rule C2.2.3 and unless otherwise directed by legislation, registration of a Production Device as qualifying for the EECS Schemes in the EECS Registration Database will not expire.

The Production Devices are subject to mandatory registration with the DSO and in the central registry held by the Danish Energy Agency. Relevant information and documentation can be drawn from these parties. Where necessary, Energinet will amend with immediate

effect relevant records in the EECS Registration Database to indicate that a Production Device no longer qualifies for the EECS GO Scheme.

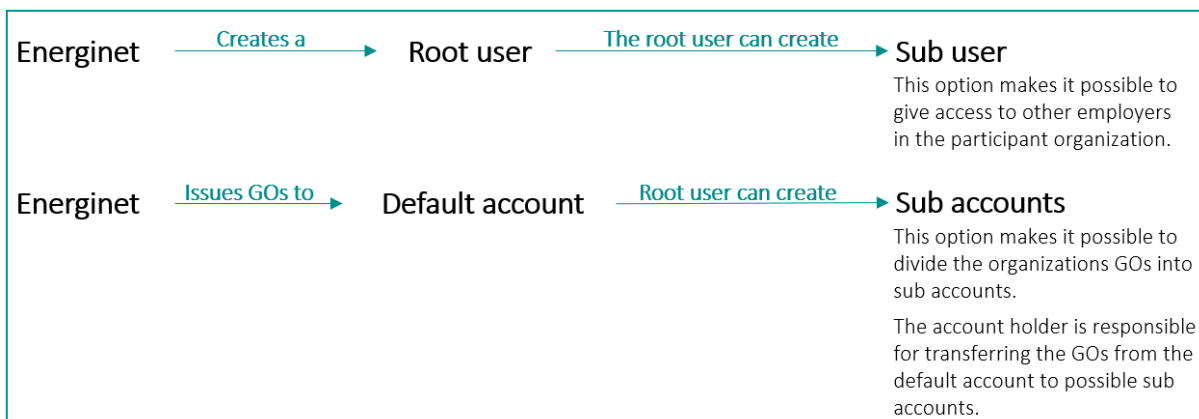
- C.7.2 Concerning EECS Rule N.5.1.1 and section D.6 this lies under the Danish Energy Agency's responsibility (with delegated powers to the DSO) to inspect a Production Device. Energinet has no inspection authority. Production Devices must live up to Energinet's technical guidelines for units connected ([Nettilslutning \(energinet.dk\)](#)).
- C.7.3 Energinet will in very exceptional and justifiable cases correct erroneous Cancellations provided the Account Holder has informed Energinet with a message that a Cancellation was made in error. This message must be sent within 3 working days of occurrence. This is considered a deviation from EECS rule C5.2.3.
- C.7.4 Energinet strives to do all new registrations prior to the monthly issuing. In cases where this is not possible issuing for past months can be performed after the registration (within the limit of 12 months according to the GO lifetime, see also C.7.5). The issuing can only be done back to operational grid connection date. GOs cannot be issued for months before grid connection.
- C.7.5 The issuing can only be done back to the date where the Production Device is registered as renewable in the central master database for production devices operated by the Danish Energy Agency. GOs can only be issued back to 1st of January in the current calendar year.

D REGISTRATION

D.1 Registration of an Account Holder

- D.1.1 Any legal person who is not a member of the Association of Issuing Bodies or such member's affiliate or agent can be an EECS Market Participant.
- D.1.2 Application to become an EECS Market Participant is made electronically to Energinet. Link to the application form to open an Account can be found on Energinet website: [Documents and forms for certificates of origin \(energinet.dk\)](#).
- D.1.3 The EECS Market Participant must contract with Energinet under the Standard Terms and Conditions.
- D.1.4 Energinet strive to complete the Account applications within 10 working days.
- D.1.5 Applicants can be:
- i. owners of production devices
 - ii. agents acting on behalf of the owner
 - iii. traders or,
 - iv. electricity suppliers.
- D.1.6 Same application procedure is used for all types of applicants.
- D.1.7 Before a Market Participant can be admitted, Energinet performs a KYC procedure. The procedure is based on the following criteria:
- A. Companies generally admitted without further documentation:

- Electricity producers who have a signed connection agreement with a national distribution company or Energinet,
 - Electricity suppliers already registered in the Danish electricity market and in Energinet’s central DataHub, or
 - Companies known and recommended by other European registries.
- B. The Issuing Body assesses applicants not falling into the above categories on the basis of "Know-Your-Customer" criteria, and the Issuing Body may require additional documentation, e.g. for confirmation of a company's financial health.
- D.1.8 If requirements for registration are met, Energinet prepare a contract under the Standard Terms and Conditions. All relevant documents must be signed by the applying Market Participant.
- D.1.9 Access to an account in the electronic registry (G-REX) is set up. Log-in requires 2-factor authentication and requires download of the Microsoft Authenticator app. This is due to security reasons, and the app is used when logging into the account on to the G-Rex system. It is the responsibility of the EECS Market Participant to keep log-in identification secret.
- D.1.10 Energinet is following guidelines issued by AIB regarding user access to the registry system.
- D.1.11 Energinet creates only one root user account for an organization. The root user can then manage access to other users in the participant organization.
- D.1.12 Energinet only creates a default GO account to the organization. Root user can create sub accounts. The figure below illustrates the difference between sub users and sub accounts.



- D.1.13 Participating in the Domain Registry comes at a service fee. Fees can be found at Energinet’s website: [Guarantees of origin-how much \(energinet.dk\)](https://www.energinet.dk/da/om-energinet/ansvar-og-garantier/garantier-af-oprindelse-hvor-much)
- D.1.14 In very limited circumstances, including recovery of undisputed debt from an EECS Market Participant in default or purchases for its own use, Energinet can buy and sell certificates. Such activities are reported to the Association of Issuing Bodies.

D.2 Resignation of an Account Holder

Withdrawing from the Scheme - Closing a Market Participant Account.

- D.2.1 The Account Holder must notify Energinet (by mail: afregning@energinet.dk) of an intent to close his account by filling out this registration form: [Requesting the open or closing of account](#). The effective date of closure must not be less than 10 working days from the date of receipt by Energinet.
- D.2.2 Energinet will amend the EECS Registration Database to seal that Account as of the effective date on the request or 10 working days from the date of receipt by Energinet whichever is the later.
- D.2.3 The Account must not contain any certificates at the time of closure.
- D.2.4 After deregistration, EECS GOs will not be issued for the output of Production Devices linked to the Participant Account.
- D.2.5 Data on a Production Device stored in the registry database will be kept also after deregistration, in accordance with G.2.1.
- D.2.6 Any outstanding charges will be invoiced in the next following invoicing cycle. For re-registration a new application must be sent to Energinet.

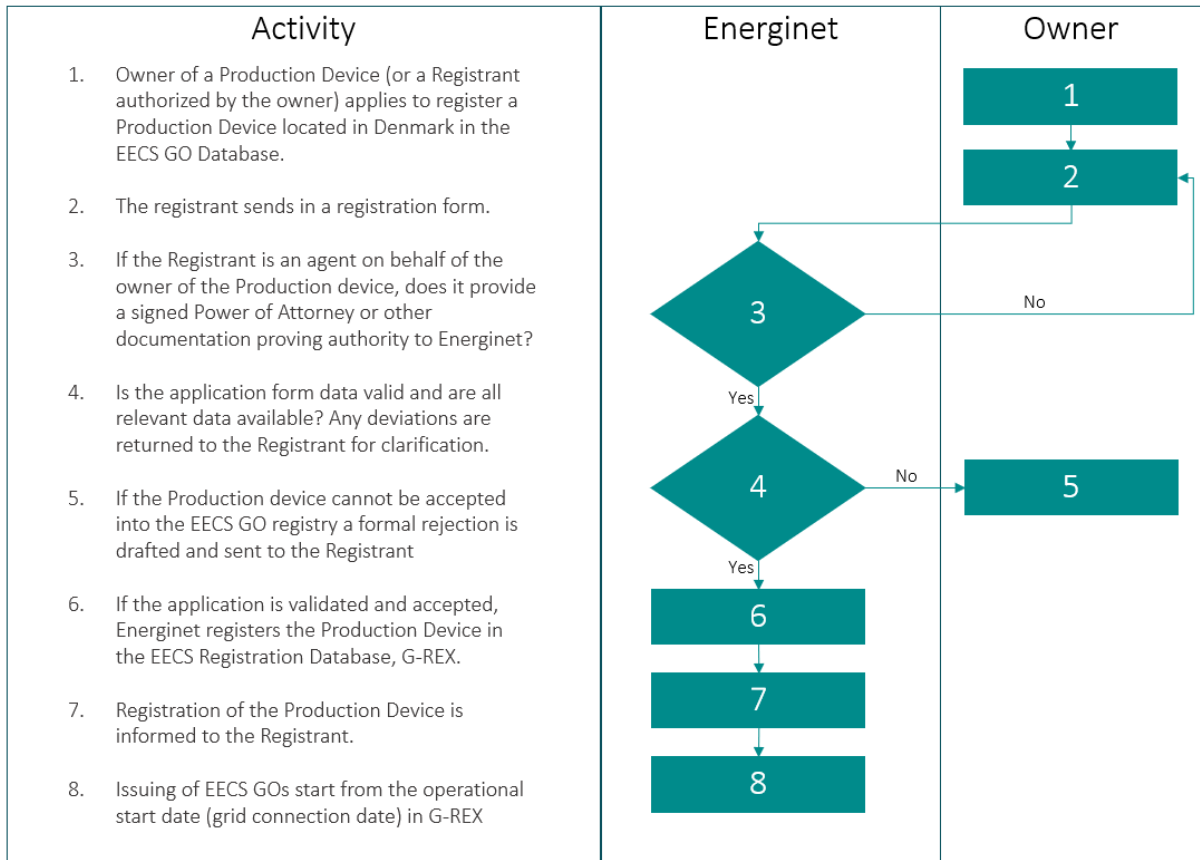
Closing a sub user account

- D.2.7 Closing a sub user access may be done by any given Root user Account in the Participant organization (or by Energinet on request).

D.3 Registration of a Production Device

- D.3.1 Before a Production Device can be registered in the Energinet registry for GOs, the Production Device must be grid connected, have a set operating license date and be registered (by the DSO) in central master data database for production devices operated by the Danish Energy Agency (Energistyrelsen).
- D.3.2 This master data database holds master data information on all production units in Denmark as obliged under the official announcement on the master data registry for electricity producing facilities (short in Danish: “Stamdatabekendtgørelsen” – link to text (in Danish): [Stamdatabekendtgørelsen \(retsinformation.dk\)](#)). The announcement obliges owners of production facilities to have basic master data registered here through the DSO (or TSO if connected directly to the transmission grid).
- D.3.3 Further the Production Device must be registered in Energinet’s central DataHub for all metering points in Denmark which follows procedures in the grid connection process carried out by the DSOs (not part of the GO registry processes).
- D.3.4 All grid connected Production Devices (PD) which are based on renewable energy sources are entitled to apply for registration in the EECS GO registry by filling out/sending in the application form for PD registration (registration this form can be found in Annex 3 to this Domain Protocol and on www.energinet.dk – see [Documents and forms for certificates of origin \(energinet.dk\)](#)).

- D.3.5 Only the owner of a Production Device may apply for registration for issuance of GOs in the registry. The owner can pass the right to apply via a Power of Attorney (PoA) form to another party.
- D.3.6 To register a Production Device, the Registrant (owner or holder of a PoA) must first have status as Account Holder and hold an account in the Energinet EECS GO registry as described in section D1. Only existing account holders can register Production Devices to their account for issuance of GOs.
- D.3.7 Upon receipt of an application for PD registration, Energinet checks the application form data against data in the master data registry (“Stamdataregisteret”) operated by the Danish Energy Agency to validate master data on technology, energy source, capacity etc. Support scheme is also derived from the master data registry by reference to relevant legislation.
- D.3.8 Master data for ownership, GSRN and location (address) are double-checked against the Energinet DataHub to ensure consistency.
- D.3.9 The registrant may be asked to supplement or verify data in the application if these are not adequate or possible to verify.
- D.3.10 The GSRN is the unique identifier of the Production Device. The same GSRN is used across registries for identification (EECS GO, DataHub and Master Data registry).
- D.3.11 After master data validation the Production Device is registered by Energinet in the database in the G-REX registry system. Application forms are archived in Energinet’s archiving system Public360.
- D.3.12 The registration procedure can be described as depicted in the chart and procedures below:



1. Only the owner of a Production Device, or a Registrant authorized by the owner through a PoA, may register a Production Device located in Denmark in the EECS GO Database.
2. The registrant must send in a registration form. The application authorizes Energinet to copy all data in the application to the EECS Registration Database, G-REX.
 - a. The Registrant warrants that information provided to Energinet in the application is complete and accurate and that the Production Device meets the qualification criteria in the Danish legislation and for the EECS Scheme and Product.
3. If the Registrant is an agent on behalf of the owner of the Production device it provides a signed Power of Attorney or other documentation proving authority to Energinet before the device may be registered in the EECS GO Database.
4. Energinet validates the application form data and finds additional required data against the master data registry operated by the Danish Energy Agency and Energinet DataHub to ensure all relevant data are available. Any deviations are returned to the Registrant for clarification.
5. If the Production device cannot be accepted into the EECS GO registry a formal rejection is drafted and sent to the Registrant stating the reasons for rejection and formal procedures for complaining on the ruling. An application for the registration of a Production Device for the purposes of an EECS Scheme will be rejected if:
 - a. the applicant has failed to comply with requirements of this Domain Protocol or the Standard Terms and Conditions;

- b. the Qualification Criteria for EECS GO in Denmark are not satisfied in respect to the Production Device;
 - c. the Production Registrar is prevented from satisfactorily verifying the application by the applicant or the owner or operator of the relevant Production Device.
6. If the application is validated and accepted, Energinet registers the Production Device in the EECS Registration Database, G-REX, with the relevant master data and by assigning unique GSRN identifier to Production Device.
 7. Registration of the Production Device is informed to the Registrant.
 8. Issuing of EECS GOs start from the operational start date (grid connection date) in G-REX

- D.3.13 The registration procedure is done without undue delay and Energinet strives to do all new registrations prior to the monthly issuing.
- D.3.14 In cases where this is not possible issuing for past months can be performed after the registration (within the limit of 12 months according to the GO lifetime). The issuing can only be done back to operational grid connection date. GOs cannot be issued for months before grid connection. GOs can only be issued back to 1st of January in the current calendar year.
- D.3.15 The GSRN identifier consists of a number with 18 numeric characters that also identifies the Domain of origin. EAN/GSRN (Global Service Relational Number) coding is used.
- D.3.16 Registrant is notified that the registration has been approved through the Active status of the Production Device in the database.
- D.3.17 Production device inspections resides under the authority of the Danish Energy Agency and the DSOs for approval of production units and is not a responsibility for Energinet as Issuing Body.
- D.3.18 A fee is charged for every PD registered. The current fees are published on Energinet's website.
- D.3.19 When applying for registration the Registrant consents to publication of data registered in the database on Energinet's web page, via the open pages report module in G-REX or for publication under the statistics requirements from the Association of Issuing Bodies, AIB, with the exception of:
- detailed descriptions of plant and equipment
 - graphical representations of the Production Device, including diagrams and photographs
 - details of:
 - the person/entity responsible for the application; and
 - where the Registrant of the Production Device is not its owner, the Production Device's owner.

D.4 De-Registration of a Production Device

Withdrawing from the Scheme - Deregistering a Production Device

- D.4.1 The Registrant must notify Energinet of its intent to deregister one or more Production Devices in writing (may be electronic). Notification must include information on the date for deregistration.
- D.4.2 Energinet deregisters the Production Device according to the desired date or as quickly as possible after this. Issuing will stop at the deregistration date or at the date of possible decommissioning (when metering stops).
- D.4.3 Any remaining certificates from the Production Device on the account of the Registrant, will be available for the rest of the certificates' lifetime (up to 12 months). Hereafter they will expire as per definition in section E.
- D.4.4 It is not a requirement for any Account Holder to have any Production Devices. This situation is similar to being a trader in the system.

Change of ownership of a Production Device

- D.4.5 When ownership of a Production Device is changing to another Account Holder, Energinet will require the new Account Holder of the Production Device to apply for registration and document contractual liability for the Production Device according to the process in section D.3.
- D.4.6 The PD license in the EECS GO Database for the old Registrant will expire on the day prior to a new license starting for the new Registrant.
- D.4.7 The ownership of a Production Device can only be changed back to the latest issued production period.

Withdrawing from the Scheme - Registration Expiry

- D.4.8 Unless otherwise directed by legislation, the registration of a Production Device as qualifying for registration in the EECS GO Database will not expire.
- D.4.9 The Production Devices are already subject to mandatory registration and all information or documentation can be drawn from the central registry held by the Danish Energy Agency as well as the Energinet DataHub.
- D.4.10 Where necessary, Energinet will amend with immediate effect relevant records in the Registration Database to indicate that the Production Device no longer qualifies for the EECS Scheme.

D.5 Maintenance of Production Device Registration Data

- D.5.1 Owners of a Production Device are obliged by law to inform the DSO on any changes to a Production Device. DSOs are responsible for updating the master data registry described in section D.3 accordingly.

- D.5.2 The Registrant of a Production Device is also responsible for informing Energinet of any changes to the registered master data information immediately.
- D.5.3 Energinet corrects the data accordingly after validation against the master data registry described in section D.3.
- D.5.4 On a regular basis information regarding the Production Devices within the EECS Registration Database will be controlled against the information from the Master Data Registry described in Section D.3. In case of discrepancies between the Master Data Registry and the EECS Registration Database, information from the Master Data Registry will be applied. Energinet will manually change information in the EECS Registration Database.
- D.5.5 Where Energinet becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the Qualification Criteria, the EECS Registration Database record for that Production Device will be updated to show that the Production Device no longer qualifies for the EECS Scheme Certificates with effect from:
- (in relation to planned changes notified in advance) the date on which such planned changes are due to come into effect; or
 - (in relation to other changes) as soon as reasonably practicable after becoming so aware.

D.6 Audit of Registered Production Devices

- D.6.1 All electricity producing devices in Denmark are subject to registration in the Master Data Registry (“Stamdataregisteret”). Registration is carried out by DSOs under order from the Danish Energy Agency (“Stamdatabekendtgørelsen”).
- D.6.2 The complete Master Data Registry is operated by the Danish Energy Agency.
- D.6.3 All inspection and audit activities are operated under the regulation of the Master Data Registry and lies with the Danish Energy Agency and DSOs.
- D.6.4 The Issuing body cannot and will not require inspections as this responsibility and approval lies with the DSOs and Danish Energy Agency.

D.7 Registration Error/Exception Handling

- D.7.1 Where an error is introduced, Energinet will correct the error in or with respect to that EECS Scheme Certificate, provided that such EECS Scheme Certificate(s) have not been transferred out of the Account Holders Default Account.
- D.7.2 Energinet strives to inform the owner of the Production Device within 3 days and corrects errors as fast as possible considering general provisions of this Protocol.

E CERTIFICATE SYSTEMS ADMINISTRATION

E.1 Issuing EECS Certificates

E.1.1 EECS Certificates are only issued under this Domain Protocol

- for a Production Device which is, at the time of Issue,
 - grid connected in Denmark;
 - registered in the EECS Registration Database of Energinet;
 - qualifying for one or several EECS Certificate Schemes.
- the qualifying energy output of such a Production Device is not more than thirteen (12) calendar months after the first day on which the measured energy output was generated.
- to an Account Holder who does not have any outstanding fees payable to Energinet or its agents in conjunction with one or several EECS Certificate Schemes.
- energy output in respect of which no other Certificate has been, or is being issued in order to prevent double counting.
- energy output is metered according to Section E.3.
- for net electricity production (net injection to the collective grid only).

E.1.2 One EECS GO represent 1 MWh.

E.1.3 EECS GOs are issued monthly no later than 15 days after end of the production month.

E.1.4 Output must also comply with the Product Rules of the Guarantee of Origin for an EECS Product:

Product: Guarantee of Origin	Criteria
Product Type: Source	Electricity production from renewable energy sources is eligible for product type source
Product Type: Technology	Electricity production from highly efficient cogeneration of electricity and heat is eligible for product type technology

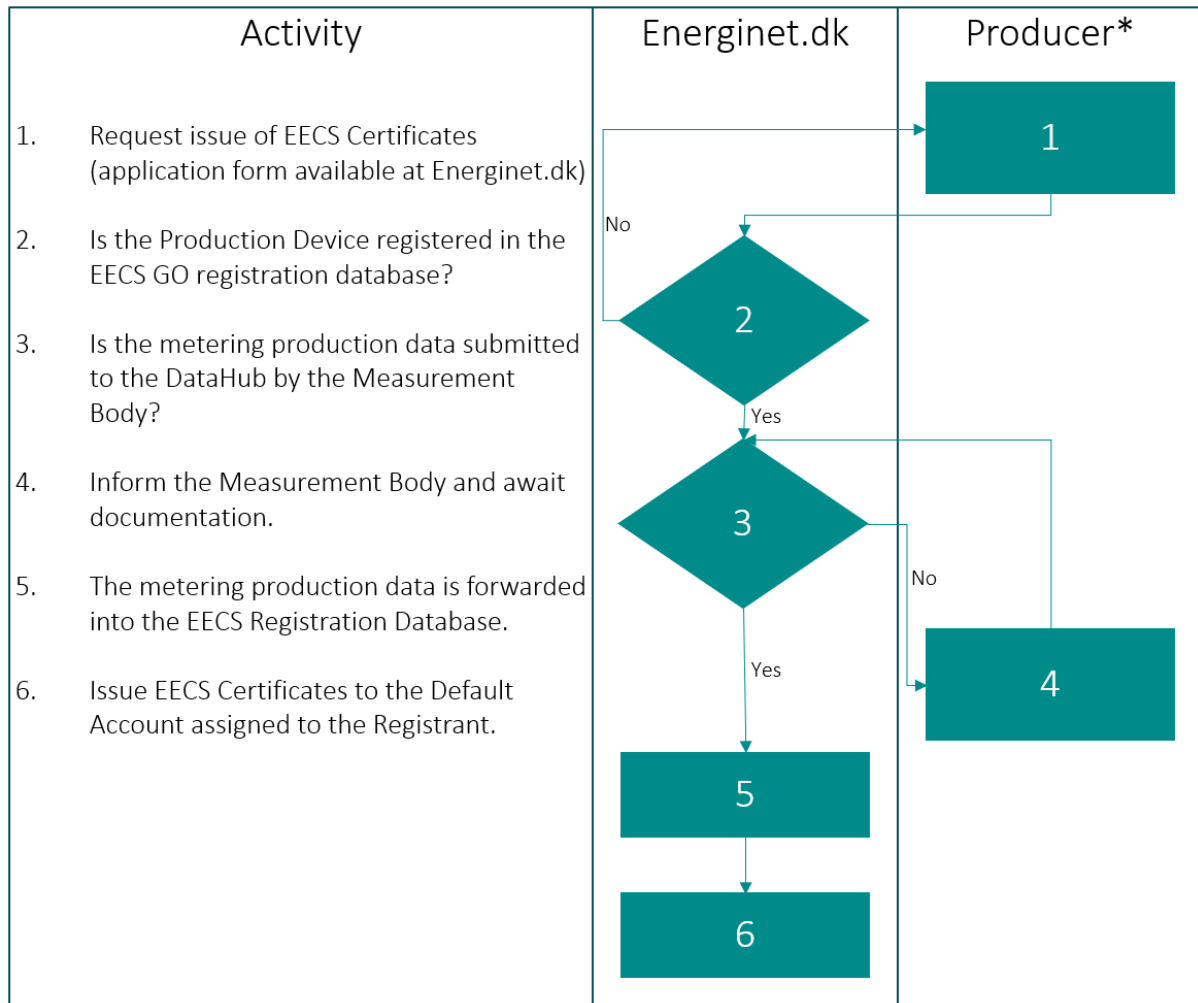
E.2 Processes

E.2.1 The Account Holder of the Account in which a certificate is held should be treated as the owner of the EECS Certificates (as between the Account Holder and that Member).

E.2.2 Each EECS Member shall ensure that its manual and automated information systems for issuing, holding and transfer of EECS Certificates are able to support audit of all transactions with respect to EECS Certificates.

E.2.3 Each Member shall use in connection with any EECS Scheme the EECS Registration Database and Transfer Links approved for the purposes of that EECS Scheme.

- E.2.4 Meter readings are requested from the DataHub via Energinet’s settlement system Xellent. From the settlement system the data is forwarded into the EECS Registration Database on basis of MSCONS files.
- E.2.5 As standard procedure issuing is done monthly.
- E.2.6 The issuing process is described as follows:



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

1. If the Registrant wishes to receive EECS Scheme Certificates for his Production Device, the Registrant must submit an application for issuing to Energinet.
 - a. The application form can be found on Energinet’s website: [Documents and forms for certificates of origin \(energinet.dk\)](#)
 - b. Only persons duly authorized by the Registrant may request the issue of EECS Scheme Certificates in relation to the output of that Production Device. The request form can be found on [Documents and forms for certificates of origin \(energinet.dk\)](#).

- c. The “producer” is the generic term for the party which requests certificates, and might include production aggregators, portfolio managers etc.
 2. Production Device must be registered in the EECS registration database prior to issuing.
 3. See sections E.3 and E.6 on measurement.
 4. If the production data is not available in the DataHub the Measurement Body will be notified.
 5. and 6: Energinet will deposit the Certificates in the Default Issuing Account assigned to the Registrant (or a specific account nominated by the Registrant) within the EECS Registration Database no later than the 15th (or first following working day hereafter), in the month after the production period. The Account holder is informed that the certificates have been issued by logging into his certificate account and view the account transactions.
 - a. One EECS Scheme Certificate will be issued for each whole 1 (one) MWh of qualifying energy output of the Production Device.
 - b. Any identifiable residual kWh will be carried forward to the next issuing period and used according to first-in-first-out principle. Any residual with an age above 12 months will expire and fall away.
 - c. The EECS Scheme Certificates shall be issued in such format as determined by AIB from time to time.
- E.2.7 The processes described for issuing, transferring and cancellation are handled in an automated process by the EECS Registration Database. In many cases these processes will occur according to the operational timescales of the Transfer Link which may be significantly ahead of the described processing deadlines.
- E.2.8 Where the Measurement Frequency is less than monthly, the Issuing Frequency shall be at least monthly; and where the Measurement Frequency is equal to or more than monthly, then the Issuing Frequency shall be the same as the Measurement Frequency.
- E.2.9 Where the Measurement Frequency is equal to or more than monthly, then the number of EECS Scheme Certificates issued to a Production Device for each month must either be equal, or as directed by an officially approved production profile.
- E.2.10 If the production in a month is less than 1 MWh, the certificate will be issued in the month where the aggregated production exceeds 1 MWh.

E.3 Measurement

- E.3.1 Energinet issues the EECS GOs for sources and technologies according to the regulation on metering and settlement, Executive order no. 1749 § 16 a, paragraph 2.
- E.3.2 All energy production and consumption transferred to and from the collective grid is measured. GOs are only issued for net production (injection to the grid) and calculated by the Energinet DataHub as an aggregated value.
- E.3.3 The regulation defines the roles of the DSO, metered data collector, metering point administrator and the concept of grid area. The regulation also defines which types of

metered data are required in connection with electricity generation, grid flow between areas of responsibility and end consumption. The regulation describes how often the various metering points must be metered. Meter data must be submitted to Energinet and other legitimate recipients. The regulation describes the full requirements applied to the submission of data.

- E.3.4 Measurement body is responsible for the submission of production data, which represent net injection to the grid.
- E.3.5 When a Production Device is out of service, its consumption is not counted.
- E.3.6 Description of metering standards, formats, frequency etc. is specified in the Regulations of Energinet:
 - [Regulation D1: Settlement metering and settlement basis \(in Danish\)](#)

E.4 Energy Storage (Including pumped Storage)

- E.4.1 For the time being, this is not relevant in the Danish EECS domain.

E.5 Energy Carrier Conversion

- E.5.1 Energinet is the authority in relation to the issuance, transfer, cancellation and supervision of guarantees of origin of gas from renewable energy sources covered by the Executive Order no. 913 of 22/06/2023 “Bekendtgørelse om oprindelsesgaranti for elektricitet, gas, fjernvarme og fjernkøling fra vedvarende energikilder” pursuant to the Electricity Act. The Executive Order can be found here:
[Executive order no. 913 english translation \(energinet.dk\)](#)
- E.5.2 Energinet has developed and designed guarantees of origin for e-methane – also nounced: e-gas. These guarantees of origin must document the part of the gas in the gas system that is produced as Power-to-Gas. The guidelines for issuing e-gas GOs can be found here:
[Biomethane GO guidelines \(energinet.dk\)](#)
- E.5.3 Energinet must verify that the electricity used for the Power-to-Gas production of e-gas originates from renewable energy sources.
- E.5.4 Energinet as issuer for e-gas GOs ensures a number of points for control of the conversion into documentation of the Power-to-Gas production:
 1. Energinet access the cancellation confirmation for cancelled EECS GO(s) to document that the electricity consumption at the PtX facility is covered by 100% or more by the cancelled EECS GOs, to document that the electricity originates from renewable energy sources and that
 - The documentation for the electricity in the form EECS GO(s) must be issued in the same bidding zone or in a neighbouring bidding zone to the electrolysis plant producing the e-gas.

- Electricity EECS GO(s) are issued no later than three months before the hydrogen production used for the e-gas.
 - 2. Energinet checks via 3. party access to the electricity consumption that cancelled EECS GOs covers the electricity consumption 100% in the consumption period.
 - 3. Energinet ensures that electricity consumption data is comparable with the amount of cancelled EECS GOs – that the electricity consumption on the stated meter number is used for PtX production and nothing else.
- E.5.5 A conversion option is implemented on the EECS domain to foresee in a mentioning in the cancellation request that the cancellation took place for the purpose of conversion. These options should only be used by account holders who want to document electricity consumed for the generation of e-gas. These new options are as follows:
- Beneficiary type: EECS – Conversion Plant operator
 - Usage category: Cancellation – conversion issuance

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

- E.6.1 Total production is measured by the Measurement Body. Where the Production Device has multiple energy sources, the Production Device Registrant (owner or operator) reports details on input factors to the relevant Measurement Body (DSO).
- E.6.2 For electricity-generating facilities using different types of fuel, of which some but not all are eligible for GOs, the DSO must submit separate time series (meter readings) for the share of net generation attributable to the renewable Energy Source used in the month (equal to the renewable electricity generation).
- E.6.3 The time series are submitted to DataHub on monthly basis.
- E.6.4 Energinet issues EECS GO based on the time series of the renewable generation only.
- E.6.5 If discovered through an audit or otherwise by the Measurement Body or any other authority incl. Energinet that a Consumption Declaration contains errors and has led to the issuance of EECS GOs based on this erroneous information, Energinet will withdraw upon issuance the same number of certificates from future production of this Production Device.
- E.6.6 Description of metering standards, formats, frequency etc. is specified in the Regulations of Energinet:
- [Regulation D1: Settlement metering and settlement basis \(in Danish\)](#)

E.7 Format

- E.7.1 EECS Certificates shall be Issued in such format as anytime determined by AIB.
- E.7.2 Currently, EECS Certificates in Denmark are issued in the electronic database provided by Grexel.

E.8 Transferring EECS Certificates

- E.8.1 The initiation of transfers is executed by the selling Account Holder using basic functionality in Grexel, and bilaterally transferring the certificate via the AIB-HUB.
- E.8.2 The transfer of certificate commodities and the confirmation of that transfer is automated by Grexel and the AIB-HUB. Once the selling Account Holder has specified the EECS GOs (a part or all of a given certificate bundle or several bundles) to be transferred and initiated the transfer, the system displays whether the transfer is pending, has been rejected or if the EECS GOs have been successfully deposited in the buyer's account.
- E.8.3 For transfers between two accounts in the Danish EECS domain the EECS GOs are automatically transferred to the receiving account if the initiation of the transfer is successful. If the initiation of the transfer is not successful, the EECS GOs do not leave the account of the original Account Holder.
- E.8.4 For international transfers (exports/imports), the success of the transfer is subject to the verification process of the AIB-HUB and the receiving registry. If the transfer is not successful (a Negative Acknowledgement is received), the EECS GOs are returned to the account of the original Account Holder. The Account Holder is informed of the success or failure of the transaction by checking the transaction status in the registry. International transfers usually take a couple of hours.
- E.8.5 In transit, the EECS GOs are not available for another transfer.
- E.8.6 EECS GOs, which have been transferred out of the Transferor's account, are removed from the account of the Transferor. Where the transfer is successful, the EECS GOs are included in the account of the Transferee. In case the transfer is failed, the EECS GOs are returned to the account of the Transferor.
- E.8.7 As a general rule only EECS GOs may be transferred into the Danish EECS Registration Database. Non-Governmental Certificates may not be transferred to Denmark.
- E.8.8 If a non EECS GO is presented towards the Danish Domain Energinet will evaluate the certificates compliance, specific as case by case with a reference towards EECS rules before accepting it for cancellation. General rule is that Energinet do not accept non EECS GO unless required by law.

E.9 Administration of Malfunctions, Corrections and Errors

- E.9.1 Once issued, the details of an EECS Certificate cannot be altered or deleted except to correct an error.
- E.9.2 If an error is introduced Energinet will correct the error in or with respect to that EECS Scheme Certificate, provided that such EECS Scheme Certificate(s) have not been transferred out of the Registrant's Default Account.
- E.9.3 Energinet seeks to inform the owner of the Production Device within 3 days and corrects the error as fast as possible taking into account the general provisions of the Administrative Procedures. Nobody should gain financially as the result of a correction.

- E.9.4 Energinet may Withdraw or alter a EECS Scheme Certificate held in its EECS Registration Database to give effect to an agreement reached with the Account Holder under provisions of the Standard Terms and Conditions.
- E.9.5 In case the EECS GOs are no longer in the Danish domain, Energinet will cooperate with other Issuing Bodies if required to withdraw erroneous certificates.
- E.9.6 Energinet may alter an EECS Scheme Certificate held in its EECS Registration Database so as to rectify an error which occurred prior to its transfer into the Account provided that:
- the Account Holder has agreed to such alteration.
 - it is reasonably satisfied that any unjust enrichment of an EECS Market Participant as consequence of such error has, to the extent reasonably practicable, will be nullified.
 - it is reasonably assured that alteration itself does not give rise to undue enrichment of an Account Holder.
- E.9.7 Where it is impossible to transfer for technical reasons, this can be overcome by cancelling EECS GOs for use in another domain, with the agreement of the importing issuing body. This will require an EDC Agreement. Any such cancellations are notified to the “importing” issuing body, and the AIB Secretariat.
- E.9.8 In case of error in metering as consequence of which too few certificates have been issued, Energinet will issue the missing certificates when meter readings are available. In case too many certificates have been issued, the excess will be deducted from the issuing of the next following production period of the Production Device.

E.10 End of Life of EECS Certificates – Cancellation

- E.10.1 Cancellation is removing a Certificate from circulation. Once Cancelled, a Certificate cannot be moved to any other account, and so is no longer tradable.
- E.10.2 Cancellation of EECS Certificates is allowed for the Electricity Scheme Certificates for beneficiaries that represent the end-user of the represented attributes and for the goal of energy carrier conversion and for transitioning into another certification scheme.
- E.10.3 The initiation of cancellations is by the relevant account holder. A Member who is not a Scheme Member of an EECS Scheme may not Cancel any Scheme Certificates.
- E.10.4 Once the relevant Account Holder has specified a cancellation for a specific purpose in the Danish registry, the cancellation of EECS GOs is automated. Certificates can be cancelled only once.
- E.10.5 Note that only EECS GOs may be cancelled for purposes of disclosure within Denmark. Such cancellations must be done in the Danish EECS registry database.
- E.10.6 It is not possible to cancel a certificate that has expired.
- E.10.7 The confirmation of the success or failure of a cancellation is notified to the account holder by the issuing body in the form of a cancellation statement in EECS Registry Database. The confirmation is given within the EECS Registry Database immediately after submitting the request.

- E.10.8 When the certificates have been cancelled or have expired, they are taken out of circulation and are not available for trade anymore.
- E.10.9 A cancellation statement is available within the EECS Registry Database. See example in annex 5.
- E.10.10 An ex-domain cancellation must always be approved in advance by Energinet to ensure the necessary documentation and security for the transaction to avoid cheating or double counting. For an ex-domain cancellation, the cancellation notice must state, in addition to general information, that the guarantee of origin covers consumption in another specified country and indicate the specific customer ("beneficiary"). Requester must cover all relevant expenses for an ex-domain cancellation.

E.11 End of Life of EECS Certificates – Expiry

- E.11.1 EECS Certificates cease to be valid for transfer twelve months after the end of the period during which the Output to which they relate was produced. Following Executive Order no. 913 of 22/06/2023, a certificate expires 12 months after the end of the month in which the corresponding energy was produced.
- E.11.2 EECS Certificates cease to be valid for cancellation twelve months after the end of the period during which the Output to which they relate was produced.
- E.11.3 An EECS Certificate which has expired will be recorded as expired in the registry database. No transactions can be performed on expired Certificates. Expiration of certificates is performed automatically by the system at the end of the last day of the 12-month lifetime period.
- E.11.4 A certificate cannot be transferred to or from the Danish Domain on the last day before expiry but may still be cancelled in the Danish Domain Registry before expiry.
- E.11.5 Certificates related to HEC-GO will not expire.

E.12 End of Life of EECS Certificates – Withdrawal

- E.12.1 EECS GOs which have been withdrawn are no longer valid for transfer or cancellation.
- E.12.2 Energinet may withdraw an EECS Scheme Certificate held in an Account in its EECS Registration Database at the request of the Account Holder of that Account, or otherwise in accordance with the provisions of the EECS Scheme, thereby terminating it and removing it from further circulation.
- E.12.3 For erroneous issuing volumes, compensation is made by considering these in the issuing of following months. For erroneous data in certificates, withdrawal is used for rectification. It is possible to withdraw Certificates as long as they are valid.
- E.12.4 Only Certificates issued in the Danish Domain may be withdrawn by Energinet.

F ACTIVITY REPORTING

F.1 Public Reports

F.1.1 For each technology, statistical information are published on the following website [G-REX \(grexel.com\)](https://www.grexel.com), regarding:

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

F.1.2 Energinet shall by the 22nd of every month make available to the Secretary General the number of Scheme Certificates with respect to each EECS Product and each of its Domains and for each month, which, within the preceding twenty-five calendar months:

- a. it has Issued;
- b. (where relevant) have been transferred within its EECS Registration Database from Accounts associated with any Domain in one country to Accounts associated with a Domain in another country held on the same EECS Registration Database;
- c. have been transferred into its EECS Registration Database from EECS Registration Databases of other Members (imports);
- d. have been transferred from its EECS Registration Database to EECS Registration Databases of other Members (exports);
- e. it has Cancelled:
 1. for use within its own Domain; and
 2. for use in other Domains including sub-totals for each energy source and for each other Domain (or country, if no Domain exists for the relevant country); and
- f. which have Expired.

F.1.3 Energinet shall provide any other statistical information required by AIB if the disclosure of this information is not against national or European legislation.

F.2 Record Retention

F.2.1 Energinet is responsible for retaining all documentation received and produced in relation to an EECS Market Participant. Data stored in the electronic registry and metering production data shall be retained for at least 5 years in an electronic format.

F.2.2 All accountholders contracts (STC) and power of attorney are stored electronically by Energinet in the archive for 10 years.

F.2.3 Metering production data and data relating to the Production Device is retained for at least 3 years in the electronic database of the Measurement Body and Central Monitoring Office.

-
- F.2.4 Energinet is obliged to retain all records to which Account Holders have had access relating to any EECS GOs, for at least 5 years after the Cancellation of the EECS GO.
 - F.2.5 Contingency plans and backup facilities are established to allow for timely recovery of records and operations and completion of the transfer process.

F.3 Orderly Market Reporting

- F.3.1 Energinet will enforce the rules in relation to any act of non-compliance with the applicable legislation and will provide all required information to AIB and other relevant parties.
- F.3.2 Energinet will enforce the rules in relation to this Domain Protocol, the Standard Terms and Conditions, and the EECS Rules. Energinet will inform the AIB of non-compliance where such breach could affect the transfers of EECS GOs with other domains.
- F.3.3 It is the Danish Energy Agency's responsibility to supervise the Production Devices.
- F.3.4 In case of non-compliance, Energinet has the right to withdraw an Account Holder from the Scheme.
- F.3.5 Energinet shall notify the AIB of any report made by it under Section E4.2.5 and shall provide the AIB with as much information in relation to such report as is consistent with any duty of confidentiality it may have to the relevant EECS Market Participant(s).

G ASSOCIATION OF ISSUING BODIES

G.1 Membership

- G.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.
- G.1.2 In case Energinet 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.
- G.1.3 In case Energinet 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.

G.2 Complaints to the AIB

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

H CHANGE CONTROL

H.1 Complaints to Energinet

- H.1.1 An Account Holder may file complaints against Energinet to afregning@energinet.dk.
- H.1.2 Complaints will be registered, and case worked according to internal processes including information of the Directors. All complaints will be answered.
- H.1.3 If the complaint regards a decision on Energinet's part, and Energinet finds that the complaint is justified, then Energinet will make every effort to correct the mistake as soon as possible.
- H.1.4 If all required information in the case has been given, correcting actions will be taken as soon as possible.

H.2 Disputes

- H.2.1 Disputes between two market parties where the reason for the dispute is a mistake or technical error on Energinet's part, shall be notified as soon as possible to afregning@energinet.dk.
- H.2.2 Disputes between market parties related to delayed or incomplete payment or other issues relating to contractual agreements between the parties will not be handled nor resolved by Energinet.
- H.2.3 Energinet will endeavor to deal with disputes received as soon as possible. Treatment of the complaint will be made in accordance with the general rules of administrative law.

H.3 Change Requests

- H.3.1 The EECS Market 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 Energinet.
- H.3.2 On receipt of such a request, Energinet will:
- Respond to the request within 10 working days, describing the procedures to be followed, and estimating when a detailed reply can be expected.
 - Consult with the other EECS Market Participants within Denmark.
 - Decide whether the request and its consequences are in its opinion reasonable.
 - Inform the EECS Market Participants within Denmark the outcome of this decision.
- H.3.3 Energinet may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.
- H.3.4 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. Inclusion of Independent

Criteria Schemes (ICSs) already approved by AIB to or their removal from the Danish EECS Domain does not require approval by the AIB.

- H.3.5 Implementation of modifications will be notified by email to the EECS Market Participant and will take effect on publication of the documentation on the www.aib-net.org.

ANNEX 1 CONTACTS LIST

AUTHORISED ISSUING BODY/REGISTRY OPERATOR

Company name	Energinet
Contact person	Sofie Marie Skov
Department	Gas Market and Settlement- and debtor support
Address	Tonne Kjærsvvej 65, DK-7000 Fredericia, Denmark
Phone number	+45 40 27 86 72
E-mail address	afregning@energinet.dk
Website	Guarantees of origin (energinet.dk)

COMPETENT AUTHORITY (IF DIFFERENT FROM THE AUTHORISED ISSUING BODY)

Company name	Danish Energy Agency
Address	Carsten Niebuhrs Gade 43, DK-1577 Copenhagen V, Denmark
Phone number	+45 33 92 67 00
E-mail address	ens@ens.dk
Website	Energistyrelsen (ens.dk)

REGISTRY SUPPORT

Company name	Energinet
Department	Settlement- and debtor support
Address	Tonne Kjærsvvej 65, DK-7000 Fredericia, Denmark
E-mail address	afregning@energinet.dk
Website	Guarantees of origin (energinet.dk)

PRODUCTION REGISTRARS

Company name	The Distribution System Operators (DSO)
Contact person	Danish Energy Agency (for contact information to licensed DSO)
Address	Carsten Niebuhrs Gade 43, DK-1577 Copenhagen V, Denmark
Phone number	+45 33 92 67 00
E-mail address	ens@ens.dk
Website	Energistyrelsen (ens.dk)

PRODUCTION AUDITORS

Company name	Danish Energy Agency
Department	Center for VE
Address	Carsten Niebuhrs Gade 43, DK-1577 Copenhagen V, Denmark
E-mail address	ens@ens.dk
Website	Energistyrelsen (ens.dk)

MEASUREMENT BODIES

Company name	The Distribution System Operators (DSO)
Contact person	Danish Energy Agency (for contact information to licensed DSO)
Address	Carsten Niebuhrs Gade 43, DK-1577 Copenhagen V, Denmark
Phone number	+45 33 92 67 00
E-mail address	ens@ens.dk
Website	EnergiStyrelsen (ens.dk) List of measurement bodies can be found here: Distribution System Operator (Green Power Denmark)

ANNEX 2 ACCOUNT APPLICATION/AMENDMENT FORM

To open an account in Energinet the following forms need to be completed:

- Energinets Standard Terms And conditions (STC):
[standard-terms-and-conditions-dec-2023-version.pdf \(energinet.dk\)](#)
- The Account Application form:
[Request for the creation of an account in energinets electronic register of guarantees of origin](#)

ANNEX 3 DEVICE REGISTRATION FORM

The Issuing Application form for production device owners can be found on the website of Energinet:

[Request for the issuance of guarantees of origin for renewables electricity](#)

ANNEX 4 PRODUCTION/CONSUMPTION DECLARATION

N/A, the DSO is responsible for this task before meter data are sent to Energinet. Description of standards, formats, frequency etc. is specified in the Regulations of Energinet:

[Regulation D1: Settlement metering and settlement basis \(in Danish\)](#)



ANNEX 5 EECS CANCELLATION STATEMENT

Cancellation Statement

This cancellation statement acts as a receipt for the certificates listed below and for the purpose shown. With this Cancellation Statement, released on the Transaction Date, the indicated certificates are no longer tradable. Onward sale of this Cancellation Statement is prohibited. The environmental qualities of the associated energy have been consumed and this Cancellation Statement and these certificates may not be transferred to any party other than the energy supplier or end-consumer specified below.



Transaction details		From account		Beneficiary	
Transaction type Cancellation	Status Completed	Organization name Energinet Test	Organization ID 01X000111Y	Name of Beneficiary Electricity supplier X	Country of consumption Denmark
Transaction number 20231129000000005	Volume 340 MWh	Domain Denmark	Domain code DK	Organization ID 02X000367Y	Location of beneficiary GSRN consumption
Transaction started 29/11/2023, 11.11	Transaction completed 29/11/2023, 11.11	Account number 10000000000000000		Consumption period 01/07/2023 - 31/07/2023	Usage type Disclosure
Public Statement https://demo.grexel.com/en/public/cancellationstatement/1523a037-4e87-4c65-986c-d13f222786c3	Standard EECS	Street Pederstrupvej	ZIP code 2750	Cancellation purpose Green electricity sales2024	Type of beneficiary Energy supplier
		City Ballerup	Country Denmark		

Page 1 of 2

Certificate Number (From-To)	Volume	Unit	Production period	Issuing date	Issuing country	Issuing body	Trading schemes	Earmark	Plant name and GSRN	Operational date	Energy source code and name	Technology code and name
579000043275000210002600320920-579000043275000210002600321259	340	MWh	01/06/2023 - 30/06/2023	29/11/2023	DK	Energinet	GO	No support	570714700000008764 - 570714700000008764	18/02/1990	F01050100 - Renewable/Mechanical source or other/Wind	T020001 - Wind/Onshore