

EECS Domain Protocol

**for
Norway**

Prepared by Statnett

Based on EECS Rules Release 8 v1.2

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1			

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A Introduction

This Domain Protocol describes how the EECS Standard has been implemented in Norway for a certain type of energy certificate and it indicates where that system deviates from that standard. The EECS framework including the Domain Protocol aims to ensure robustness and transparency for all parties involved.

A Domain Protocol promotes quality and clarity, as it:

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

Important contact information is provided in Annex 1.

B General

B.1 Scope

- B.1.1 This Domain Protocol sets out the procedures, rights, and obligations, which apply to the Domain of Norway 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 Norway.
- The borders of the Domain are determined as follows: National borders of the Kingdom of Norway
- B.1.3 Statnett SF is authorised to Issue EECS Certificates relating to the following EECS Product(s):
- EECS GO for the energy carrier of electricity
With reference to the Norwegian regulations on guarantees of origin and the letter from the Ministry of Petroleum and Energy (OED) where Statnett is appointed the Issuing Body of Norway:
 - The Regulation on Guarantees of Origin, FOR 2007-12-14-1652, See note (Merknad) Til § 9 - Utstedelse av opprinnelsesgarantier, [https://lovdata.no/dokument/SF/forskrift/2007-12-14-1652?q=forskrift om opprinnelsesgarantier](https://lovdata.no/dokument/SF/forskrift/2007-12-14-1652?q=forskrift%20om%20oprinnelsesgarantier) (only in Norwegian)
 - Letter from the Ministry of Petroleum and Energy (OED), see Annex 2 and 3
- B.1.4 Statnett SF is authorised to Issue EECS Certificates relating to the following EECS Product Type(s):
- EECS GO's Energy Source

(Energy Sources listed in B.4 below)

- B.1.5 Statnett SF is authorised to Issue EECS Certificates relating to the following Energy Carriers: electricity; and the following energy sources: renewable, fossil and biomass.
- B.1.6 Statnett SF is authorised to Issue the following types of energy certificates outside of the EECS Framework: Elcertificates (Laws and regulations on Elcertificates: <https://lovdata.no/lov/2011-06-24-39> and <https://lovdata.no/dokument/SF/forskrift/2011-12-16-1398>)
 - The Domain Protocol in general doesn't apply to the non-EECS Certificates, Elcertificates.

B.2 Status and Interpretation

- B.2.1 This document refers to EECS Rules 8 version 1.2.
- B.2.2 The EECS Rules are subsidiary and supplementary to national legislation.
- B.2.3 The EECS Rules and its subsidiary documents are implemented in Norway 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.6C.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 Statnett SF by agreement in the form of the Standard Terms and Conditions (STC).
- 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 Norway is Statnett SF. Its role is to administer the EECS Registration Database and its interface with the EECS Transfer System.
- B.3.2 The Competent Authority for EECS GOs under a legislative framework, being EECS GOs in Norway is Statnett SF. Its role is defined by legislation to be responsible for the operation of f EECS GO in Norway.
- B.3.3 The Authorised Measurement Bodies of Norway are the grid operators, DSOs. The DSOs are the measurement bodies established under national regulation to be responsible for the collection and validation of measured volumes of energy used in national financial settlement processes. Regulations on measurement, settlement, invoicing of grid services and electric energy, the neutrality of grid operators: § 1-3. Definisjoner, <https://lovdata.no/forskrift/1999-03-11-301/§1-3> Måleverdier Kapittel 3, <https://lovdata.no/dokument/SF/forskrift/1999-03-11->

[301/%C2%A73#KAPITTEL 3](https://lovdata.no/dokument/SF/forskrift/1999-03-11-301/%C2%A73#KAPITTEL_3) ([https://lovdata.no/dokument/SF/forskrift/1999-03-11-301/%C2%A73#KAPITTEL 3](https://lovdata.no/dokument/SF/forskrift/1999-03-11-301/%C2%A73#KAPITTEL_3)).

- B.3.4 All measurement values are collected by Elhub, a Statnett subsidiary, before they are transferred to the Norwegian Energy Certificate System, NECS.
- B.3.5 Contact details for the principal roles and Issuing Body agents are given in Annex 1.
- B.3.6 The EECS Registration Database operated by Statnett can be accessed via the website <https://necs.statnett.no/>. Tariffs for services can also be found here.

B.4 Summary: Issuance scope

- B.4.1 In summary, Statnett SF has been authorised and issue the following types of energy certificates:

Issuing Body issues certificates for:		Electricity
	Energy Source	Product Source
EECS GO	Hydropower	x
	Solar	x
	Wind	x
	Biomass	x
National certificate other than GO (non-EECS*)	Elcertificate scheme, support scheme. Not used for disclosure.	

If Statnett receives a decision paper on HEC GOs or Fossil GOs, issuing will be executed.

C Overview of National Legal and Regulatory Framework

C.1 Energy Market context for electricity

As an EEA country, Norway is part of the European Energy Market.

The Norwegian electricity market was fully liberalised in 1991.

The Norwegian market is a mature market, with a high degree of digitalization. All consumption and production are measured on hourly basis. The grid operators report meter values to Elhub, the measure value datahub, daily. These values are the basis for the settlements in the electricity markets.

NECS receives the meter values from Elhub, 13 days after the production day. At this point the meter values have been through all steps in quality assurance.

The total electricity production in Norway is roughly 155 TWh (2021), almost all production is renewable. Hydropower is the largest source of electricity in Norway.

The energy regulator of Norway is the NVE-RME, <https://www.nve.no/norwegian-energy-regulatory-authority/the-norwegian-energy-regulatory-authority/>. The GO system in Norway is overseen by NVE, <https://www.nve.no/energi/virkemidler/opprinnelsesgarantier-og-varedeklarasjon-for-stromleverandorer/>. (Partially translated into English [Electricity disclosure - NVE](#))

C.2 The EECS Framework

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

- The Agreement on the European Economic Area, which entered in to force the 1st of January 1994 – <http://www.efta.int/eea/eea-agreement>
- Norway implemented the RES Directive, 2009/28/EC, the 20th of December 2011 <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32009L0028&from=EN>
- The CHP Directive, 2004/8/EC, was implemented the 8th of December 2006 <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32004L0008&from=EN>
- The Norwegian Energy Act, LOV-1990-06-29-50 - <https://lovdata.no/dokument/NL/lov/1990-06-29-50>
- The Regulation on Guarantees of Origin, FOR 2007-12-14-1652 [https://lovdata.no/dokument/SF/forskrift/2007-12-14-1652?q=FOR 2007-12-14-1652](https://lovdata.no/dokument/SF/forskrift/2007-12-14-1652?q=FOR%202007-12-14-1652)

The Regulation on Guarantees of Origin specifies details concerning the EECS GO system in Norway. It was implemented 1st January 2008 and updated in 2012, integrating the provisions of the RES Directive 2009/28/EC. The full regulation text unofficially translated to English can be found in Annex 4. The main provisions defined in this regulation are as follows:

- Any producers of electrical energy can request issuance of EECS GOs for their production (§ 1)
- Categories of Production Devices, separated in production from renewable sources, by CHP and other production (§4)

- Information to be specified on the EECS GO, in accordance with RES Directive and the EECS Rules (§5, §6 and §7)
- NVE is responsible for approval of Production Devices (§ 8)
- Issuance and cancellation of EECS GOs (§9 and §12)
- Expiry of certificates (§9); a EECS GO is valid for maximum 1 year from the end-date of production of the unit of energy in question, unless it has been cancelled earlier
- Deduction of energy used for pumped storage (§9)
- Metering (§10)
- The role of the registry responsible (§11)
- Lifetime of a EECS GO is 1 year from the end-date of production of the corresponding energy unit, if not cancelled before (§9)
- NVE is responsible for supervising that the stipulations in the GO regulation is correctly implemented (§14)
- The registry responsible can claim fees from the participants of the EECS GO system, which in total balances the costs connected to operate the system. NVE approves the fee structure (§13)

C.2.2 Statnett has been properly appointed as an Authorised Issuing Body for EECS GOs under:

- The Norwegian Energy Act, <https://lovdata.no/NL/lov/1990-06-29-50/§4-3>
- The EECS GO regulation specifies the duties and rights of the Norwegian "registry responsible body" for issuances of EECS GOs based on electricity produced by all energy sources and technologies. §9, <https://lovdata.no/SF/forskrift/2007-12-14-1652/§9>, and §11, <https://lovdata.no/SF/forskrift/2007-12-14-1652/§11>
- A letter from the Norwegian Ministry of Petroleum and Energy of the 8th of December 2005 authorising Statnett as Issuing Body of Guarantees of Origin in accordance with the RES Directive in the Norwegian domain (See Annex 2 and 3).

C.2.3 Statnett does not issue any Non-Government Certificate (NGC) or EECS GOs with Independent Criteria Schemes (ICS).

C.3 National Energy Source Disclosure

C.3.1 For this Domain, the authorised body for supervision of Disclosure of the origin of energy towards consumers is The Norwegian Water Resources and Energy Directorate (NVE). This body is responsible for supervision of disclosure of the origin of the following Energy Carriers: Electricity.

C.3.2 Summary of the disclosure methodology and process

The regulation on metering and settlement, FOR 1999-03-11-301, details the conditions of the disclosure system in this domain. The Norwegian Water Resources and Energy Directorate (NVE) calculates the residual mix yearly.

Power suppliers are obliged to inform their end consumers of the origin of the electricity they were supplied the previous year. A supplier cancelling EECS GOs based on any energy source and technology may declare an individual declaration for its consumers. If this is not the case, the supplier is obliged to

refer to NVE's web page with residual mix calculations in all marketing material and when invoicing the end-consumers.

C.3.3 The legislation defining the Norwegian national electricity Source Disclosure is covered by:

- The Norwegian Energy Act, LOV-1990-06-29-50
<https://lovdata.no/NL/lov/1990-06-29-50/§4-3>
- The regulation on metering and settlement, FOR 1999-03-11-301
<https://lovdata.no/SF/forskrift/1999-03-11-301/§8-5>

C.3.4 Calculation method

Preparation of the residual mix takes as its starting point electricity generation in Norway. For year n, EECS GOs issued for renewable production in Norway in year n will be deducted from the renewable share in the disclosure for year n.

Unused, expired EECS GOs issued for production from April year n-1 to march in year n will be added to the renewable share in the residual mix for year n. The main share of EECS GOs issued for Norwegian production is exported. This results in a large deficit of electricity with available attributes in the Norwegian residual mix. The deficit of electricity with available attributes will be replaced by "the European Attribute Mix". EECS GOs, which are not exported or cancelled for Norwegian customers by suppliers using an individual disclosure, will be included in the residual mix when expired.

NVE will publish the disclosure by 1st of June at the latest.

The annual disclosure calculations are published here (Norwegian only):
<https://www.nve.no/energi/virkemidler/opprinnelsesgarantier-og-varedeklarasjon-for-stromleverandorer/varedeklarasjon-for-stromleverandorer/>

C.3.5 Cancellation for usage in another Domain (i.e., Ex Domain Cancellations) are allowed under the following restrictions: only to non-AIB countries.

C.4 National Public Support Schemes

C.4.1 Norway has a joint support system with Sweden for renewables, which is a certificate-based quota obligation system. The Elcertificate scheme is a market based, technology neutral support scheme for renewable electricity, without any governmental support. End-consumers or electricity suppliers on their behalf must buy and cancel a certain amount of Elcertificates to meet their obligation. The amount is a yearly changing share of their total electricity consumption or sales.

NVE certifies Production Devices eligible for Elcertificates and Statnett operates the Elcertificate registry. The latter is based on the same registry system as the registry of EECS GOs, with one login function for the Account Holders. However, the Account structure is separated for the two schemes, and a separate application procedure is necessary to become Account Holder for either of them.

A Production Device can be approved for both EECS GOs and Elcertificates and consequently generate two separate certificates for the same MWh, one EECS

GO and one Elcertificate. Only EECS GOs can be used for disclosure in Norway, while Elcertificates are used for support to renewable electricity producers.

C.5 EECS Product Rules

C.5.1 The EECS Product Rules as applied in Norway are set out within sections D and E of this document, with exception of the deviations in C.7.

C.6 Non-EECS Certificates in the Domain

There are no other certificate schemes in Norway than EECS GOs and Elcertificates described in C.4.1.

C.7 Local Deviations from the EECS Rules

Statnett is not an authority but organised as a state-owned company. The term "Competent Body" is therefore used in this domain protocol, instead of the term "Competent Authority", which is defined in the EECS Rules.

Statnett will in very exceptional and justifiable cases correct erroneous Cancellations provided the Account Holder has informed the Service desk of NECS with a message that a Cancellation was made in error. This message must be sent within 24 hours of occurrence. This is considered a deviation from EECS rule C5.2.3

D Registration

D.1 Registration of an Account Holder

D.1.1 Any legal person who is not a Member of the AIB or such Member's affiliate or company/agent can apply to become an Account Holder in the registry. The procedures on how to apply and the fees of service can be found on the website <https://statnett.atlassian.net/servicedesk/customer/portal/4/article/132350089>

Examples of applicants:

- Producer: Actor owning a Production Device registered in the registry
- Supplier: Electricity supplier licensed to operate in Norway
- Production aggregator: Actor with power of attorney from Production Device owner(s), who administers the Production Device in the registry system and the issued EECS GOs on the owners' behalf.
- Other (trader): BuyerB and seller of EECS GOs

The applicant must inform Statnett of basic company and personal information and the contract Standard Terms and Conditions must be signed, by an authorized signatory. If the applicant is a company not located in Norway, it needs to fill in a Know Your Customer questionnaire (Annex 5).

Information from the applicant is verified by using open sources. The applicant will also need a bank guarantee to be issued from their bank, including a verification that the correct persons have signed the STC. If the company is situated in Norway and is unknown to Statnett, it will be asked to fill in the Know Your Customer questionnaire.

After verifying the incoming documentation, Statnett invoices the annual fee. When this has been paid, Statnett will open the account and issue each authorized user of the registry with username and passwords to enable secure communication. It is the responsibility of the user to keep such identification secret. Multi factor authentication is available for those users that want an extra layer of security. Statnett encourages users to enable multi-factor authentication.

D.1.2 If the applicant does not meet the requirements to become an Account Holder, Statnett will send a written rejection. Maintenance of standing data

The Account Holder is responsible for notifying Statnett of any changes to information registered on the Account Holder in the registry, and to any documents submitted to Statnett when applying for the Account.

Major changes to information in the registry need to be inserted by Statnett (e.g., change of actor type, addition of certificate types associated with the Account). Other revisions of information registered on an Account Holder can be registered directly in the registry system by the Account Holder (e.g., Account Holder reference, purchase order number and contact information).

D.1.3 Publication of fees

The fees for using NECS is published on <https://necs.statnett.no/88997369>

When the fees are updated, a news message is published on the NECS logged in page as well.

D.2 Resignation of an Account Holder

- D.2.1 The Account Holder must notify Statnett in written (email/letter) of intent to close his/her Account.
- D.2.2 Statnett will close the Account as of the effective date of the request or later.
- D.2.3 The Account must not contain any certificates at the time of closure.
- D.2.4 All financial claims Statnett has towards an Account Holder must be settled before the closure of an Account.
- D.2.5 In case the resigning Account Holder remains an Account Holder for Elcertificates, only the EECS GO association will be closed and no longer accessible for the Account Holder.

D.3 Registration of a Production Device

- D.3.1 Registration process, prerequisites

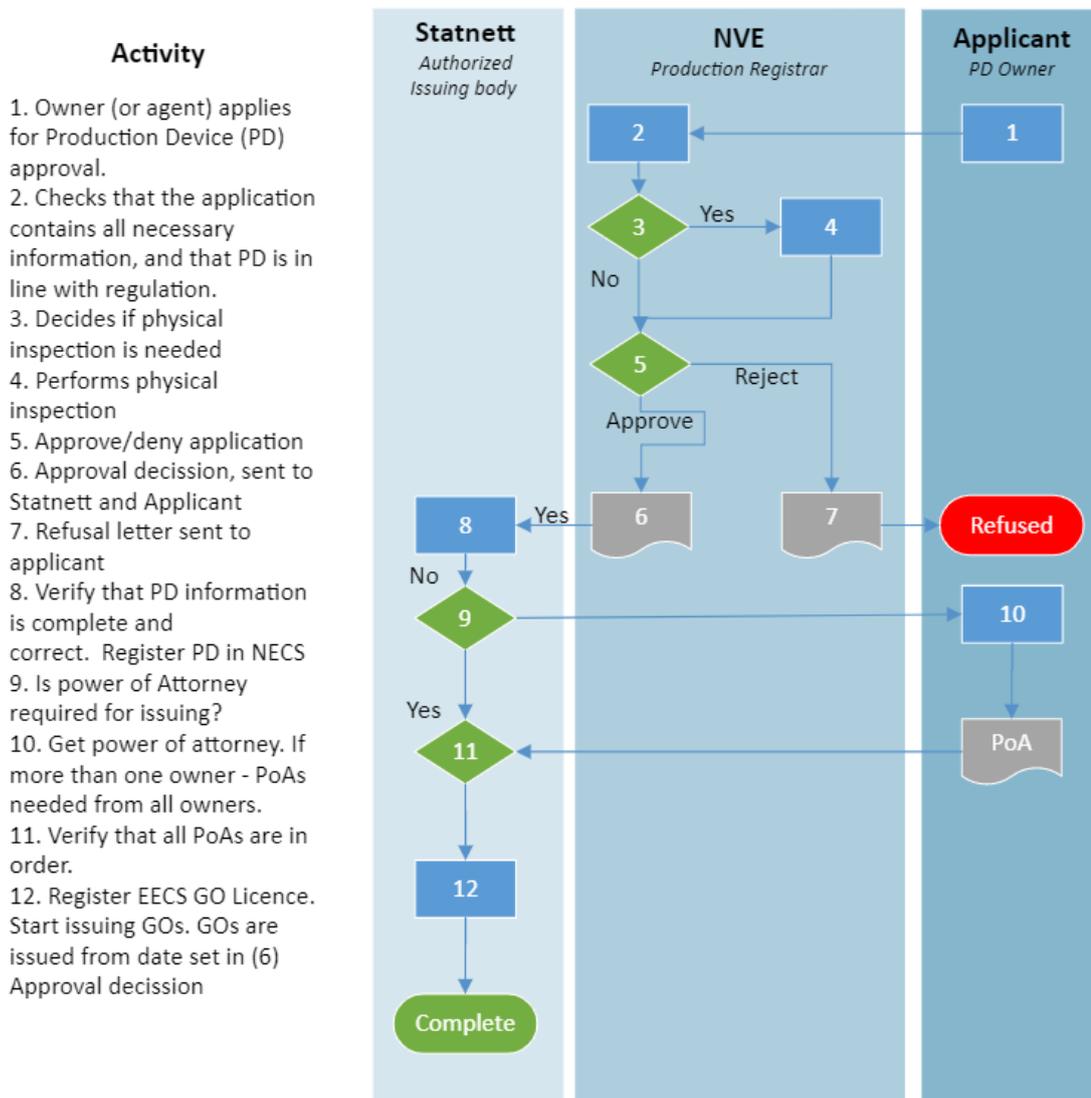
Before a Production Device can be registered with NECS/Statnett for GOs, the Production Devices must have an operating license and be registered in NVEs database of production devices.

The application process is based on the information stored in this database.

The application process is initiated from Altinn, the portal for official

communication with public services. Using Altinn guarantees that the applicant has the formal rights to act on behalf of the company.

D.3.2 Registration process, flow chart



D.3.3 NVE is appointed through the regulation on Guarantees of Origin as Production Registrar for the EECS GO system in Norway. Through its responsibility as licensing authority for Power Devices in Norway, NVE already has evaluated any Production Device eligible for EECS GOs and stores key information on every device in their database.

D.3.4 The Production Device owner applies to NVE to be registered for EECS GOs. When an application is received by NVE, the applicant gets immediate confirmation of reception. The applications are thereby considered consecutively.

D.3.5 The application (see Annex 6) is evaluated by the NVE, - if necessary, the Production Device is inspected. The Production Device is verified to fulfil the requirements of the Norwegian regulation on EECS GOs. The criteria for a Production Device set by the EECS Rules are implemented in the Norwegian EECS GO regulation and are verified by Statnett when approving the Production

Device in the registry. Documentation on placement of meters must be submitted to the NVE.

- D.3.6 If an agent is appointed by the owner to manage the Production Device on their behalf, a signed power of attorney is sent to Statnett and archived.
- D.3.7 When the Production Device is approved for registration by NVE, all necessary data is verified and registered in the registry system by Statnett. A unique Global Service Relation Number (GSRN) is automatically generated for this Production Device.
- D.3.8 To be an approved Production Device, metered data shall be reported by the DSOs to the Measurement Body. The Production Device must be registered with a unique grid reference for metering of production and, if relevant, consumption, concerning that Device.
- D.3.9 The owner of the Production Device, or its appointed agent, receives EECS GOs based on the metering data reported to the Measurement Body. The EECS GOs are issued to the owner's, or its appointed agent's, account.
- D.3.10 A new approval is needed every fifth year i.e., a new application is required.
- D.3.11 Publication of the Production Device information can be found on the NECS' public site under "Statistics GO" and the submenu "Power Plants", <https://necs.statnett.no/Plants>
- D.3.12 The tariffs for NECS services can be found on the NECS' public site under "Guarantees of origin " "Fees", <https://necs.statnett.no/88997369>

D.4 De-Registration of a Production Device

- D.4.1 The Registrant must request Statnett in writing to deregister his Production Device. Statnett will thereby proceed to deregistration of the Production Device from the registry database, as of the effective date on the request to Statnett or as soon as practical possible.
- D.4.2 After deregistration, EECS GOs will not be issued for the output of the Production Device.
- D.4.3 The data on a Production Device stored in the registry database will be kept also after deregistration, in accordance with G.2.1.
- D.4.4 Any outstanding charges will be invoiced the following invoicing date.
- D.4.5 For re-registration a new application must be sent to NVE.

D.5 Maintenance of Production Device Registration Data

- D.5.1 To fulfil the requirements in EECS Rules section C2.2.3, the registration of an EECS Production Device expires after five years. The Registrant must re-apply for registration for the Production Device before expiry.
- D.5.2 The Registrant of a Production Device must notify Statnett of any planned changes due to come into effect that will result, or unplanned changes that have resulted, in the information recorded in the registry system in relation to the Production Device becoming inaccurate.
- D.5.3 On receipt of a change of details notification, Statnett will evaluate the impact of the changes on the Qualifying Criteria and respond to the Registrant within 10 working days specifying the decision taken.

D.6 Audit of Registered Production Devices

- D.6.1 NVE is appointed to be the Auditor of Production Devices according to §8 and §14 in the Norwegian Regulation on Guarantees of Origin.
- D.6.2 Production Devices in the Norwegian domain are approved for a period of five years according to the Norwegian Regulation on Guarantees of Origin. When, or before, this period has ended, it must be applied for a new approval. NVE may perform on site audit.
- D.6.3 If NVE need more information than provided by the Production Device owner, it will be the owners' responsibility to provide this information be it the measuring device or fuel. NVE evaluate the information provided.
- D.6.4 The Production Device owner is responsible to report changes to the respective device approved for EECS GOs to both NVE and Statnett, please refer to section D.5.2. NVE will sanction anyone who fails to report such changes and inform Statnett so that necessary measures can be done to stop issuing certificates for the Production Device in question.
- D.6.5 The meters and meter values that are used for GO issuing in Norway are the same meter values that is used for the settlement of the electricity markets. The meters and meter values are subject to high quality standards based on the legislation for the electricity market. There is no rational need for additional quality assurance for the GO market.
- D.6.6 Physical inspections are performed by NVE in regards to the license.

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.
- D.7.2 Where Statnett becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the specifications it has been given approval for by the Production Registrar, the registry system record for that Production Device will be updated to show that the Production Device no longer qualifies for EECS GOs.

E Certificate Systems Administration

E.1 Issuing EECS Certificates

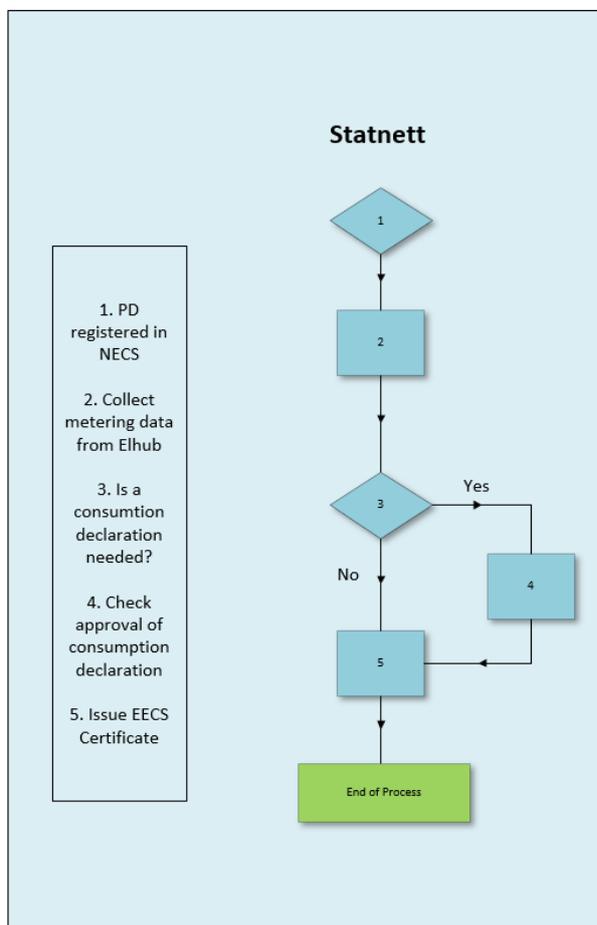
- E.1.1 Statnett receives daily valid measurement values automatically from the Measurement Body, Elhub. Values are received 13 days after the production day. The production data is based on reported MWh to Elhub. Metering is done by the Grid Companies in accordance with "
- E.1.2 Statnett issues EECS GO to Norwegian Production Devices eligible for EECS GOs in accordance with approval from NVE on a weekly basis with reported daily resolution. Issued EECS GOs are allocated to the Production Device owners'/agents' account in the Norwegian certificate registry NECS.
- E.1.3 One EECS GO represent 1 MWh.
- E.1.4 EECS GOs are issued in respect of the qualifying energy output in accordance with E.3 of such a Production Device during any period in which it was registered for the purpose of EECS GO according to D.3.
- E.1.5 EECS GOs are issued in accordance with the approval decision made by NVE. The actual registration in the database may be after the approval date. In such cases, the meter values are collected from Elhub and if required issuance will be performed.
- E.1.6 EECS GOs are issued until the day the GO license expires, five years after the start date, unless a formal decision on a new license period is received before the old expires.
- E.1.7 EECS GOs are issued weekly no later than 21 days after end of the production week.
- E.1.8 In the case of biomass Production Devices, these will receive EECS GOs on the following issuing date after the owner, or its appointed agent, has declared the distribution percentage for the Energy Sources.
- E.1.9 The EECS GOs shall be issued in such format as may be determined by AIB from time to time.
- E.1.10 National Elcertificates for the purpose of support can be issued for the same MWh as EECS GO but cannot be used for disclosure.

E.2 Processes

- E.2.1 GO issuing in Norway is automatically performed every Monday. EECS GOs are issued for all registered Production Devices with meter values for the issuing

period. The issuing starts around 04:00 in the morning and is normally completed within 15 minutes.

- E.2.2 The issuing period is "current week - 3". I.e., in week 4, GOs are issued for week 1.
- E.2.3 EECS GOs are issued with a daily resolution.
- E.2.4 In case of multi-fuel plants, PD Owner(s) declare the percentage of each fuel in the registry NECS. The declaration is then verified by NECS and when accepted, issuing can be done the following periodic issuance
- E.2.5 EECS GOs are issued to the account specified by the Account Holder responsible for that PD. If no account is specified, the GOs are issued to the default account of the Account Holder.
- E.2.6 Any residual energy after the issuing is carried forward to the next issuing run. In case of pumped storage devices, negative values may be carried over to next issuing run.
- E.2.7 An issuing report is produced after every issuing run, this report shows how the issuing algorithm has calculated every single day for every PD. The issuing report is available to the Account Holders, for the PDs they are Account Holders for.
- E.2.8 Account Holders can choose to be notified by the system after GOs have been issued to their accounts. Either via e-mail, notification in NECS or both.
- E.2.9 Flow chart of the issuing process



E.3 Measurement

- E.3.1 Statnett issue the EECS GOs for sources and technologies according to
- The directive 2009/28/EC and <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32009L0028&from=EN>
 - The regulation on metering and settlement, FOR 1999-03-11-301 <https://lovdata.no/SF/forskrift/1999-03-11-301/§3-4>
 - Regulations on guarantees of origin for electricity (<https://lovdata.no/dokument/SF/forskrift/2007-12-14-1652?q=opprinnelsesgarantier>)
- E.3.2 Only Production Devices that are equipped with metering device that complies with the relevant regulations for the trading of energy shall be registered. The metering equipment may measure on a scalar basis (meter advance only) or on a period basis (energy measured in units of time) according to the regulations. The Measurement Body receives measured production data on hourly resolution from the grid owner. The metering data is reported daily by Elhub to NECS as net electricity production.
- E.3.3 NVE is through the Norwegian EECS GO regulation authorised to specify metering requirements for Production Devices approved for EECS GO issuance. Specifications on the metering arrangements are given in the annotations to the Norwegian Regulation on Guarantees of Origin. Issuing of EECS GOs shall be based on measured net production, where internal consumption and auxiliaries are deducted.
- E.3.4 Due to the direct issuance based on electronic metering data for registered Production Devices, Production Declarations are not used for other technologies than biomass.
- E.3.5 When a Production Device is out of service, its consumption is not counted.

E.4 Energy Carrier Conversion and Energy Storage (Including Pumped Storage)

- E.4.1 All meter values in the Norwegian meter datahub, Elhub, are net values. They are calculated by the grid companies according to the " Forskrift om måling, avregning, fakturering av netjtjenester og elektrisk energi, nettselskapets nøytralitet mv."
- E.4.2 Statnett issues EECS GOs for Production Devices with energy storage capacity, based on net production. Reporting of energy volumes for Production Devices with storage capacity, in this case for pumping, is defined by specific metering which are different from production volumes. The metering point-ID reported volumes for these codes are automatically deducted from the production codes upon issuing EECS GOs. In periods where the energy consumed by pumping exceeds the energy produced, the negative leftovers are carried over to the next issuing run.
- E.4.3 Energy conversion and GO issuing for converted energy is not performed in Norway.

E.5 Combustion Fuel (e.g., Biomass) Input and Production Devices with multiple energy inputs

- E.5.1 For Production Device reporting the total production to the Measurement Body, and where the Production Device has multiple energy sources, the Production

Device Registrant must manually report in detail on input factors in the certificate registry. NECS verifiesNECSies that the declaration is complete before issuing the EECS GOs.

- E.5.2 Consumption Declarations are subject to audits by the Production Auditor (NVE) on a random basis. The Production Auditor will also conduct audits if there are suspicions of fraud. The Production Device owner shall keep on record the documentation proving the input factors declared in the Consumption Declarations See Annex 7.
- E.5.3 If discovered through an audit or otherwise that a Consumption Declaration contains errors and has led to the issuance of EECS GOs based on this erroneous information, Statnett will withdraw upon issuance the same number of certificates from future production of this Production Device.

E.6 Format

- E.6.1 EECS Certificates shall be Issued in such format as may be determined by AIB.

E.7 Transferring EECS Certificates

- E.7.1 The initiation of transfers is done in NECS by the selling Account Holder.
- E.7.2 Only EECS GOs may be transferred into the Norwegian EECS Registration Database. Non-Governmental Certificates may not be transferred to Norway.
- E.7.3 The transfer of EECS GOs and the confirmation of the transfer are automated. 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.7.4 For transfers between two accounts in the Norwegian 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.7.5 For international transfers, 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.7.6 In transit, the EECS GOs are not available for another transfer.
- E.7.7 In international transfers, Statnett will cooperate when needed with other Members of the EECS scheme to amend its own, or the other Members' Account Holder information.
- E.7.8 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.7.9 All information on the EECS Certificates is visible for NECS Account Holders.

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.
- E.8.2 Where an error is introduced into an issued Norwegian EECS GO, or in the case of double-issuance, Statnett will immediately correct the error/withdraw the EECS GOs given that the EECS GOs have not been transferred out of the Norwegian domain.
- E.8.3 In case the EECS GOs have been transferred out of the Norwegian domain, Statnett will contact the Domain where the EECS GOs are currently residing, to request that the EECS GOs should be re-transferred to the Norwegian registry for correction/withdrawal. If this is not possible, Statnett will reach an agreement with the receiving Issuing Body for correcting the error.
- E.8.4 Where an error is introduced into a non-Norwegian EECS GO, or Statnett discovers an incident of double issuance of non-Norwegian EECS GOs, the EECS GOs in question would immediately be re-transferred to the issuing domain. If this is not possible, Statnett will reach an agreement with the relevant Issuing Body.
- E.8.5 Statnett will at the same time contact the Issuing Body in the issuing domain to request that the EECS GOs are corrected/withdrawn.
- E.8.6 If an erroneous transfer is initiated by the Account Holder, then that Account Holder must contact the receiving party on his own accord to request the receiving party to return the EECS GOs.
- E.8.7 In case of a system fault or a manual mishandling at Statnett leads to an error in transfers, Statnett will return the transaction to the originating Account Holder without undue delay upon noticing.
- E.8.8 Statnett will make all available effort to prevent undue enrichment of any Account Holder as a result of erroneous EECS GOs or the correction of erroneous EECS GOs.
- E.8.9 Where it is impossible to transfer for technical reasons, this can be overcome by cancelling EECS GOs for use in another domain, subject to a cancellation agreement between Statnett and the importing Issuing Body. Any such cancellations are notified to the "importing" Issuing Body and the AIB Secretariat.

E.9 End of Life of EECS Certificates – Cancellation

- E.9.1 Cancellation is removing EECS GOs from circulation. Once Cancelled, an EECS GO cannot be moved to any other account and is no longer tradable.
- E.9.2 Cancellations are conducted by the relevant Account Holder in the registry system.
- E.9.3 Once the relevant Account Holder has specified a cancellation for a specific purpose in the Norwegian registry, the cancellation of EECS GOs is automated. Certificates can be cancelled only once.
- E.9.4 Note that only EECS GOs may be cancelled for purposes of disclosure within Norway. Such cancellations must be done in the Norwegian registry NECS.
- E.9.5 The confirmation of a cancellation is notified to the Account Holder by Statnett. The relevant information on activity in the registry is made available to the Account Holders directly on their accounts in the registry system. Here they can search for transactions and cancellation statements. Cancellation statements may be exported by the Account Holder from the system, an example of such a statement can be seen in Annex 8.
- E.9.6 Ex-domain Cancellations for EECS GOs are performed for non-Member of AIB upon request to an Account Holder from an interested party.
- E.9.7 Ex-domain cancellations for EECS GOs may be performed towards an AIB Member if transferring is impossible e.g., for technical reasons. In such cases an agreement with the destination Issuing Body according to EECS Rules C7.1.1. Any such cancellations are notified to the destination Issuing Body and the AIB Secretariat.
- E.9.8 NECS provides public information on cancellations (included ex-domain cancellations) based on country of consumption or Energy, (<https://necs.statnett.no/GOCancellation.>)

E.10 End of Life of EECS Certificates – Expiry

- E.10.1 EECS Certificates cease to be valid for transfer twelve months after the end of the period during which the Output to which they relate was produced.
- E.10.2 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.10.3 Expiration of certificates is performed automatically by the system every night.
- E.10.4 Account Holders can filter on transaction type "Expiration" to see the list of certificates they held at time of expiry.

E.11 End of Life of EECS Certificates – Withdrawal

- E.11.1 EECS GOs which have been withdrawn are no longer valid for transfer or cancellation.
- E.11.2 Statnett may withdraw an EECS GO held in an Account on 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 as described in E.8.
- E.11.3 Withdrawals of EECS GOs are done in relation to obvious errors, such as issuing of too many EECS GOs due to incorrect production data. Withdrawal for any

purpose must be done manually and can only be done by the system administrator, Statnett.

E.11.4 Withdrawals can also be done on the demand of the Account Holder.

F Issuer's Agents

F.1 Production Auditor

- F.1.1 As the Competent Authority for EECS GOs in Norway, NVE is the Production Auditor.

F.2 Production Registrar

- F.2.1 NVE acts as the Production Registrar in the Norwegian EECS domain.
- F.2.2 Roles have been identified in B.3 and contact details are given in Annex 1.

F.3 Measurement Body(/ies)

- F.3.1 The grid companies, DSOs, are responsible for collection meter values of all production and consumption in Norway. The meter values have an hourly resolution and is collected and reported daily.
- F.3.2 Elhub is the meter point database for all meter values in Norway. Elhub reports meter values daily to NECS.
- F.3.3 Meter values are collected, controlled and communicated according to "[Forskrift om måling, avregning, fakturering av netjtjenester og elektrisk energi, nettselskapets nøytralitet mv.](#)"

G Activity Reporting

G.1 Public Reports

- G.1.1 Real time statistics are reported on the public site of the registry website, <http://necs.statnett.no/https://necs.statnett.no>, "Statistics GO"

G.2 Record Retention

- G.2.1 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.
- G.2.2 All Account Holders' contracts (STCs) and powers of attorney are stored electronically in the Statnett archive for 25 years.
- G.2.3 Statnett is obliged to retain all records to which Account Holders have had access relating to any EECS GOs, for at least 10 years after the Cancellation of the EECS GO.
- G.2.4 Contingency plans and backup facilities are established to allow for timely recovery of records and operations and completion of the transfer process.

G.3 Orderly Market Reporting

- G.3.1 Statnett 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.
- G.3.2 Statnett will enforce the rules in relation to this Domain Protocol, the Standard Terms and Conditions, and the EECS Rules. Statnett will inform the AIB of non-compliance where such breach could affect the transfers of EECS GOs with other domains.
- G.3.3 The Tax Authority has reading access to the registry.
- G.3.4 In case of non-compliance, Statnett has the right to withdraw an Account Holder from the Scheme.

H Association of Issuing Bodies

H.1 Membership

- H.1.1 The Association of Issuing Bodies brings together the issuing bodies of European energy certificate schemes. The AIB promotes the use of a standardised system, based on a harmonised environment, structures and procedures to ensure the reliable operation of European energy certificate systems. With its independent and peer reviews, and its periodic audits, the AIB provides a robust framework for reliable and fraud-resistant GO systems. Among others, it can also act by suspending transfers through the Hub. Membership of AIB facilitates mutual recognition of GOs across Europe.
- H.1.2 Statnett willingly undergoes AIB audits at the intervals decided by AIB.
- H.1.3 In case Statnett ceases to be a Scheme Member of an EECS Scheme, it shall revise its EECS Registration Database so that every Production Device registered therein ceases to be registered for the purposes of EECS. Certificate issuing under EECS would stop, and EECS GOs would remain tradable only until Expiry.
- H.1.4 In case Statnett ceases to be the Authorised Issuing Body for EECS Certificates, it shall revise its EECS Registration Database so that each Production Device in the Domain ceases to be registered for the purposes of EECS Certificates, it shall stop issuing EECS GOs and after a transitional period the registry shall be taken offline.

H.2 Complaints to the AIB

- H.2.1 An Account Holder is allowed to notify the Secretary General of AIB in writing in case:
- a) Statnett as the 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 Statnett as the relevant Authorised Issuing Body to respond to the allegation.

I Change Control

I.1 Complaints to Statnett

- I.1.1 An Account Holder may file complaints against Statnett to go@statnett.no.

If the complaint regards a decision on Statnett's part, and Statnett finds that the complaint is justified, then Statnett will make every effort to correct the mistake as soon as possible.

- I.1.2 If all required information in the case has been given, correcting actions will be taken within 10 working days.

I.2 Disputes

- I.2.1 Disputes between two market parties where the reason for the dispute is a mistake or technical error on Statnett's part, shall be notified as soon as possible to go@statnett.no.
- I.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 Statnett.
- I.2.3 If Statnett and an Account Holder are unable to solve a dispute, the matter shall be reported to NVE at nve@nve.no.

I.3 Change Requests

- I.3.1 The Scheme Participant may propose a modification to this Domain Protocol.
Such a proposal will include a detailed description, including an exact specification of any proposed modification to this Domain Protocol and be passed in writing to Statnett.
On receipt of such a request, Statnett 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 Scheme Participants within Norway
 - c) Decide whether the request and its consequences are in its opinion reasonable
 - d) Inform the Scheme Participants within Norway the outcome of this decision
- I.3.2 Statnett may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.
- I.3.3 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.
- I.3.4 Implementation of modifications will be notified to the Scheme Participant and will take effect on publication of the documentation on the website <http://necs.statnett.no/https://necs.statnett.no>.

Annex 1: Contacts List

Authorised Issuing Body/Registry Operator

Statnett SF, Kristian Lund Bernseter, KOA, PB 4904 Nydalen, 0423 Oslo, Norway, phone # +47 2390 3000, go@statnett.no, www.statnett.no

Registry support

Statnett SF, Kristian Lund Bernseter, KOA, PB 4904 Nydalen, 0423 Oslo, Norway, phone # +47 2390 3000, go@statnett.no, www.statnett.no

Production Registrars

Norges vassdrags- og energidirektorat, Jørgen Kristoffer Tuset, Energibruk og europeiske rammebetingelser, Middelthunsgate 29, Postboks 5091 Majorstua, 0301 Oslo, Norway, phone # +47 2295 9595, nve@nve.no, www.nve.no

Production Auditors

Norges vassdrags- og energidirektorat, Jørgen Kristoffer Tuset, Energibruk og europeiske rammebetingelser, Middelthunsgate 29, Postboks 5091 Majorstua, 0301 Oslo, Norway, phone # +47 2295 9595, nve@nve.no, www.nve.no

Measurement Bodies

Statnett SF, Kristian Lund Bernseter, KOA, PB 4904 Nydalen, 0423 Oslo, Norway, phone # +47 2390 3000, www.statnett.no

Annex 2: Letter appointing Statnett as Issuing Body



DET KONGELIGE
OLJE- OG ENERGIDEPARTEMENT

Statnett
Postboks 5192 Majorstua
0302 Oslo

Statnett OF		
SAKSNR	16	
03/258		
REG.	HÅKON OPSUND	
DATO.	9 DES 2005	
BEHANDLET:		
Måte	Dato	Sign.

Deres ref

Vår ref
2003/01052-32

Dato
8.12.2005

Opprinnelsesgarantier for fornybar elektrisitet

Det vises til brev fra Olje- og energidepartementet av 3. og 4. november 2003 om midlertidige opprinnelsesgarantier.

Etter initiativ fra Norge og våre samarbeidspartnere i EFTA vedtok EØS-komiteen 8. juli 2005 å innlemme fornybardirektivet i EØS avtalen. Direktivet skal nå implementeres i Norge. Flere av enkeltdelene i direktivet er i praksis allerede innført i Norge. Statnett ble i ovennevnte brev utpekt som utsteder av opprinnelsesgarantier. Opprinnelsesgarantiene ble da omtalt som midlertidige, ettersom direktivet ikke var en del av EØS-avtalen.

Departementet ber Statnett videreføre den eksisterende ordningen for opprinnelsesgarantier som en fast ordning når beslutningen om å innlemme fornybardirektivet i EØS-avtalen trer i kraft. Departementet viser til at Statnett er avregningsansvarlig gjennom egen konsesjon jf. energiloven § 4-3 annet ledd første punktum. I paragrafens annet ledd annet punktum angis at den avregningsansvarlige skal sørge for at all innmating og alt uttak av elektrisk energi blir korrekt avregnet. Slik departementet ser det er oppgaven med utstedelse av opprinnelsesgarantier knyttet til oppgavene som avregningsansvarlig. NVE vil føre tilsyn med ordningen.

Statnett skal sørge for at det kan garanteres på grunnlag av objektive, transparente og ikke-diskriminerende kriterier, at elektrisitet er produsert av fornybare energikilder. En slik opprinnelsesgaranti skal på forespørsel utstedes til de berettigede produsenter.

Opprinnelsesgarantien skal angi hvilken energikilde som har produsert elektrisiteten,

Postadresse
Postboks 8148 Dep
0033 Oslo
<http://www.oed.dep.no/>

Kontoradresse
Einar Gerhardsens plass 1

Telefon
22 24 90 90
Org no.
977 161 630

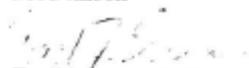
Energi- og
vassdragsavdelingen
Telefaks
22 24 95 68

Saksbehandler
Håkon Opsund
22246368

samt tid og sted for produksjonen. Dersom elektrisiteten er produsert av et vannkraftanlegg, må kapasiteten på anlegget angis. Opprinnelsesgarantien skal være et unikt bevis på disse egenskapene ved produksjon. Statnett må iverksette egnede mekanismer for å sikre at opprinnelsesgarantiene er korrekte og pålitelige.

Opprinnelsesgarantier som blir solgt til andre land som har tiltrådt direktivet, kan ikke benyttes i disse lands beregninger av andelen fornybar elektrisitet.

Med hilsen


Toril J. Svaan (e.f.)
underdirektør


Håkon Opsund
førstekonsulent

Annex 3: Letter appointing Statnett as Issuing Body (unofficial translation)

Unofficial translation of letter to Statnett from the Ministry of Petroleum and Energy dated 8 December 2005, where Statnett is appointed as the Issuing Body for Guarantees of Origin in Norway:

Guarantees of Origin for renewable electrical power

With reference to the letters from the Ministry of Petroleum and Energy of 3 and 4 November 2003 concerning temporary Guarantees of Origin.

Subsequent to initiatives from Norway and our partners in EFTA, on the 8 July 2005 the EEA committee agreed to incorporate a directive concerning renewable energy in the EEA agreement. The directive shall now be implemented in Norway, although in practice several of the directive's sections have already been implemented. In the above-mentioned letter, Statnett was appointed as issuer of Guarantees of Origin. At the time, the Guarantees of Origin were considered temporary, as the directive was not then a part of the EEA agreement.

The Ministry requests that once the decision to include the directive concerning renewable energy comes into force, Statnett makes the existing scheme for Guarantees of Origin permanent. The Ministry points out that Statnett is responsible for settlement through a separate concession, cf. first sentence, second subsection, section 4-3 of the Norwegian Energy Act. In the second sentence, second subsection, section 4-3 it states that the party responsible for settlement shall ensure that all production and consumption of electrical power is correctly balanced. In the view of the Ministry, the issuing of Guarantees of Origin is linked to the duties of the party responsible for settlement. NVE will monitor the scheme.

Based on objective, transparent and non-discriminatory criteria, Statnett must be able to ensure that electricity is produced from renewable sources. Upon request, such an origination guarantee shall be issued to the legitimate producers.

The origination guarantee shall state which energy source was used to produce the electricity and the time and place of production. If the electricity is produced at a hydro-power plant, the capacity of the plant must be stated. The origination guarantee must uniquely certify these properties upon production and Statnett must implement its own mechanisms to ensure that the Guarantees of Origin are correct and reliable.

Guarantees of Origin sold to other countries that have implemented the directive cannot be used by these countries when calculating the share of renewable electricity.

Annex 4: Account Application/Amendment Form

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

- NECS Standard Terms And conditions (STC)
- Know your Customer (KYC)
- Contact Information Form (CIF)

Follow the link below to find the forms:

Create NECS Account Holder for Guaranties of Origin - Jira Service Management (atlassian.net)

<https://statnett.atlassian.net/servicedesk/customer/portal/4/article/132350089>

Annex 5: Production Device Application/Amendment Form

NVE

Date of application
Reference:

Guarantee of origin application

Registrant details	
Organization number	
Name of firm	
Address	
Postal code	
City	
Phone number of firm	
E-mail address of firm	
First name	
Middle name	
Last name	
Phone number	
E-mail address	
Secondary organization number	
Secondary name of firm	
Production device details as registered at NVE	
Type of power plant	
Name of power plant	
County	
Municipality(s)	
Installed capacity (MW)	
Yearly normal production (GWh/yr)	
Metering ID	
Date of commissioning (dd.mm.åååå)	
Member code in the registry NECS	

Owners	
Organization number	
Name	
Owned percentage	
Contact (yes/no)	
Remarks on owners (max. 2000 characters)	

Support Schemes	
Have you applied for or received support?	
Are you receiving elcertificates?	
Have you received investment support?	
Have you received other types of support?	

Annex 6: Production/Consumption Declaration

Filled in directly in the NECS registry

Annex 7: EECS Electricity Cancellation Statement

Statnett



Cancellation Statement

This cancellation statement provides the proof of origin for 24 MWh consumed energy

This cancellation statement proves that 24 Guarantees of Origin has been cancelled in the Norwegian Energy Certificate System (NECS)

Performed by

Account Holder
Business Id
Account 0
Domain
Street
Postal Code
City Oslo
Country Norway

On behalf of

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

Transaction Information

Transaction Date 2022-09-29 08:47
Transaction Number 202209:
Cancellation Purpose Disclosu
Volume cancelled (sum) 24

This cancellation statement acts as a receipt of the cancellation of the certificates listed and for the purpose shown. With this Cancellation Statement, released on the 2022-09-29, 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 above.

Oslo, 2022-09-29

Ole Jacob Høyland
Director, market operations
Statnett SF



Cancellation Statement

This cancellation statement provides the proof of origin for 24 MWh consumed energy

This cancellation statement proves that 24 Guarantees of Origin has been cancelled in the Norwegian Energy Certificate System (NECS)

Performed by

Account Holder

Business Id

Account

0

Domain

Street

Postal Code

City **Oslo**

Country **Norway**

On behalf of

Name of Beneficiary

Consumption Start

Consumption End

Country of Consumption

Location of Beneficiary

Usage Category

Type of Beneficiary

Transaction Information

Transaction Date **2022-09-29 08:47**

Transaction Number **202209:**

Cancellation Purpose **Disclosu**

Volume cancelled (sum) **24**

This cancellation statement acts as a receipt of the cancellation of the certificates listed and for the purpose shown. With this Cancellation Statement, released on the 2022-09-29, 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 above.

Oslo, 2022-09-29

Ole Jacob Hayland
Director, market operations
Statnett SF

List of production devices included in cancellation

Production Device Name	Kvenndalsfjellet
GSRN	707052300010022025
Country	Norway - Statnett
Installed Capacity, MW	113,4
Date of Commissioning	2020-07-01
Location	7177 Revsnes, NO
Technology	T020001 - Wind / Unspecified / Onshore
Fuel	F01050100 - Renewable / Mechanical source or other / Wind / Unspecified
Production Support Description	Production Support being received now.
Volume cancelled (sum)	4

Production Device Name	Hitra 2 vindpark
GSRN	707052300010021660
Country	Norway - Statnett
Installed Capacity, MW	93,6
Date of Commissioning	2019-09-02
Location	7250 Melandsjø, NO
Technology	T020001 - Wind / Unspecified / Onshore
Fuel	F01050100 - Renewable / Mechanical source or other / Wind / Unspecified
Production Support Description	Production Support being received now.
Volume cancelled (sum)	10

Production Device Name	Storheia vindpark
GSRN	707052300010021578
Country	Norway - Statnett
Installed Capacity, MW	288
Date of Commissioning	2019-06-21
Location	7170 Åfjord, NO
Technology	T020001 - Wind / Unspecified / Onshore
Fuel	F01050100 - Renewable / Mechanical source or other / Wind / Unspecified
Production Support Description	Production Support being received now.
Volume cancelled (sum)	10

Certificate Bundles cancelled

Certificate Number (From - To)	Volume	Domain	Fuel Technology	Issuing Date	Production Period	Production Device (Name, GSRN, Nominal capacity)	Trading Schemes	Support Schemes
70800034006 70800034006	4	Norway	F01050100 T020001	2022-01-31	2022-01-12 2022-01-12	Kvenndalsfjellet 707052300010022025 113,4 (MW)	Guarantee of Origin	Production
70800034006 70800034006	4	Norway	F01050100 T020001	2022-02-28	2022-02-07 2022-02-07	Hiltra 2 vindpark 707052300010021660 93,6 (MW)	Guarantee of Origin	Production
70800034006 70800034006	4	Norway	F01050100 T020001	2022-03-21	2022-03-01 2022-03-01	Hiltra 2 vindpark 707052300010021660 93,6 (MW)	Guarantee of Origin	Production
70800034006 70800034006	6	Norway	F01050100 T020001	2022-04-18	2022-04-02 2022-04-02	Storhøla vindpark 707052300010021578 288 (MW)	Guarantee of Origin	Production
70800034006 70800034006	2	Norway	F01050100 T020001	2022-05-16	2022-05-01 2022-05-01	Hiltra 2 vindpark 707052300010021660 93,6 (MW)	Guarantee of Origin	Production
70800034006 70800034006	4	Norway	F01050100 T020001	2022-06-20	2022-06-03 2022-06-03	Storhøla vindpark 707052300010021578 288 (MW)	Guarantee of Origin	Production

Certificate Bundles cancelled

Certificate Number (From - To)	Volume	Domain	Fuel Technology	Issuing Date	Production Period	Production Device (Name, GSRN, Nominal capacity)	Trading Schemes	Support Schemes
70800034006 70800034006	4	Norway	F01050100 T020001	2022-01-31	2022-01-12 2022-01-12	Kvenndalsfjellet 707052300010022025 113,4 (MW)	Guarantee of Origin	Production
70800034006 70800034006	4	Norway	F01050100 T020001	2022-02-28	2022-02-07 2022-02-07	Hiltra 2 vindpark 707052300010021660 93,6 (MW)	Guarantee of Origin	Production
70800034006 70800034006	4	Norway	F01050100 T020001	2022-03-21	2022-03-01 2022-03-01	Hiltra 2 vindpark 707052300010021660 93,6 (MW)	Guarantee of Origin	Production
70800034006 70800034006	6	Norway	F01050100 T020001	2022-04-18	2022-04-02 2022-04-02	Storhøla vindpark 707052300010021578 288 (MW)	Guarantee of Origin	Production
70800034006 70800034006	2	Norway	F01050100 T020001	2022-05-16	2022-05-01 2022-05-01	Hiltra 2 vindpark 707052300010021660 93,6 (MW)	Guarantee of Origin	Production
70800034006 70800034006	4	Norway	F01050100 T020001	2022-06-20	2022-06-03 2022-06-03	Storhøla vindpark 707052300010021578 288 (MW)	Guarantee of Origin	Production