

EECS Electricity Domain Protocol

**for
Statnett SF**

Prepared by Statnett SF

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A Introduction

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

A Domain Protocol promotes quality and clarity, as it:

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

Important contact information is provided in Annex 1.

B General

B.1 Scope

- B.1.1. This Domain Protocol sets out the procedures, rights and obligations, which apply to the Domain of 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 by connection to the electricity system of Norway such that, in electrical terms, the Production Device is effectively located in Norway.
- B.1.3. Statnett is authorised to Issue EECS Certificates relating to the following EECS Product(s):
- EECS GO in respect of the energy source of electricity
- With reference to the Norwegian regulations on guarantees of origin and the letter from the Ministry of Petroleum and Energy (OED) appointing 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.2 Status and Interpretation

- B.2.1. The EECS Rules are subsidiary and supplementary to national legislation.
- B.2.2. The EECS Rules and its subsidiary documents are implemented in 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.5 of this document.
- B.2.3. The capitalised terms used in this Domain Protocol shall have the meanings ascribed to them in the EECS Rules except as stated in section C.5 of this document.
- B.2.4. This Domain Protocol is made contractually binding between an EECS Participant and Statnett by agreement in the form of the Standard Terms and Conditions.
- B.2.5. In the event of a dispute, the approved English version of this Domain Protocol will take precedence over a local language version.

B.3 Roles and Responsibilities

- B.3.1. The Authorised Issuing Body for EECS GO in Norway is Statnett. Its role is to administer the EECS Registration Database and its interface with the EECS Transfer System.
- B.3.2. The Competent Body for EECS GO in Norway is Statnett. Its role is defined by legislation to be responsible for the operation of for EECS GO in Norway.
- B.3.3. The Authorised Measurement Body in Norway is Statnett. The body is established under national regulation to be responsible for the collection and validation of measured volumes of energy used in national financial settlement processes.
- B.3.4. Contact details for the principal roles and Issuing Body agents are given in Annex 1.
- B.3.5. The EECS Registration Database, NECS, operated by Statnett can be accessed via the website <http://necs.statnett.no>. Tariffs for services can also be found here.
- B.3.6. The Norwegian Water Resources and Energy Directorate, NVE, is Production Registrar, and verifies that plant information given in the production device registration application is complete and provides sufficient data to calculate in a correct manner the nett amount of generation eligible for EECS GOs.
- B.3.7. NVE acts as the Production Auditor.
- B.3.8. Scheme Participant is an Account Holder on the EECS registration database, NECS.

No Independent Criteria Schemes are issued in combination with EECS products under this Domain Protocol.

C Overview of National Legal and Regulatory Framework

C.1 The EECS Framework

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

- The Agreement on the European Economic Area, which entered in to force the 1st January 1994 – <http://www.efta.int/eea/eea-agreement>
- Norway implemented the RES Directive, 2009/28/EC, the 20th 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 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

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.1.2. 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 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.1.3. Statnett does not issue any Non-Government Certificate (NGC) or EECS GOs with Independent Criteria Schemes (ICS).

C.2 National Electricity Source Disclosure

C.2.1. Legislation and regulation

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.2.2. 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.2.3. Residual Mix

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 residual mix 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 yearly Residual Mix can be found here (in Norwegian);
<https://www.nve.no/elmarkedstilsynet-marked-og-monopol/varedeklarasjon/>

Information on the calculation method can be found here (in Norwegian); <https://www.nve.no/elmarkedstilsynet-marked-og-monopol/varedeklarasjon/ending-i-beregning-av-varedeklarasjon-fra-2012/>

C.3 National Public Support Schemes

C.3.1. 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. 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.4 EECS Product Rules

C.4.1. 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.5.

C.5 Local Deviations from the EECS Rules

C.5.1. 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.

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 to open an account in the registry and the fees of service can be found on the website <http://necs.statnett.no> (Click "About GO" and then "How to join").

Examples of applicants:

- Producer: Actor owning a Production Device registered in the registry

- Production aggregator: Actor with power of attorney from production device owner(s), which administers the Production Device in the registry system and the issued EECS GOs on the owners behalf.
- Other (trader): buyer 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). When there exists uncertainty regarding the applicant, Statnett contacts the AIB member in the applicant's country to verify that the company is a serious one. 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 payed, Statnett will open the account and issue each authorized user of the registry with a client certificate and password to enable secure communication. It is the responsibility of the user to keep such identification secret.

This process takes about two weeks.

D.1.2. 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.

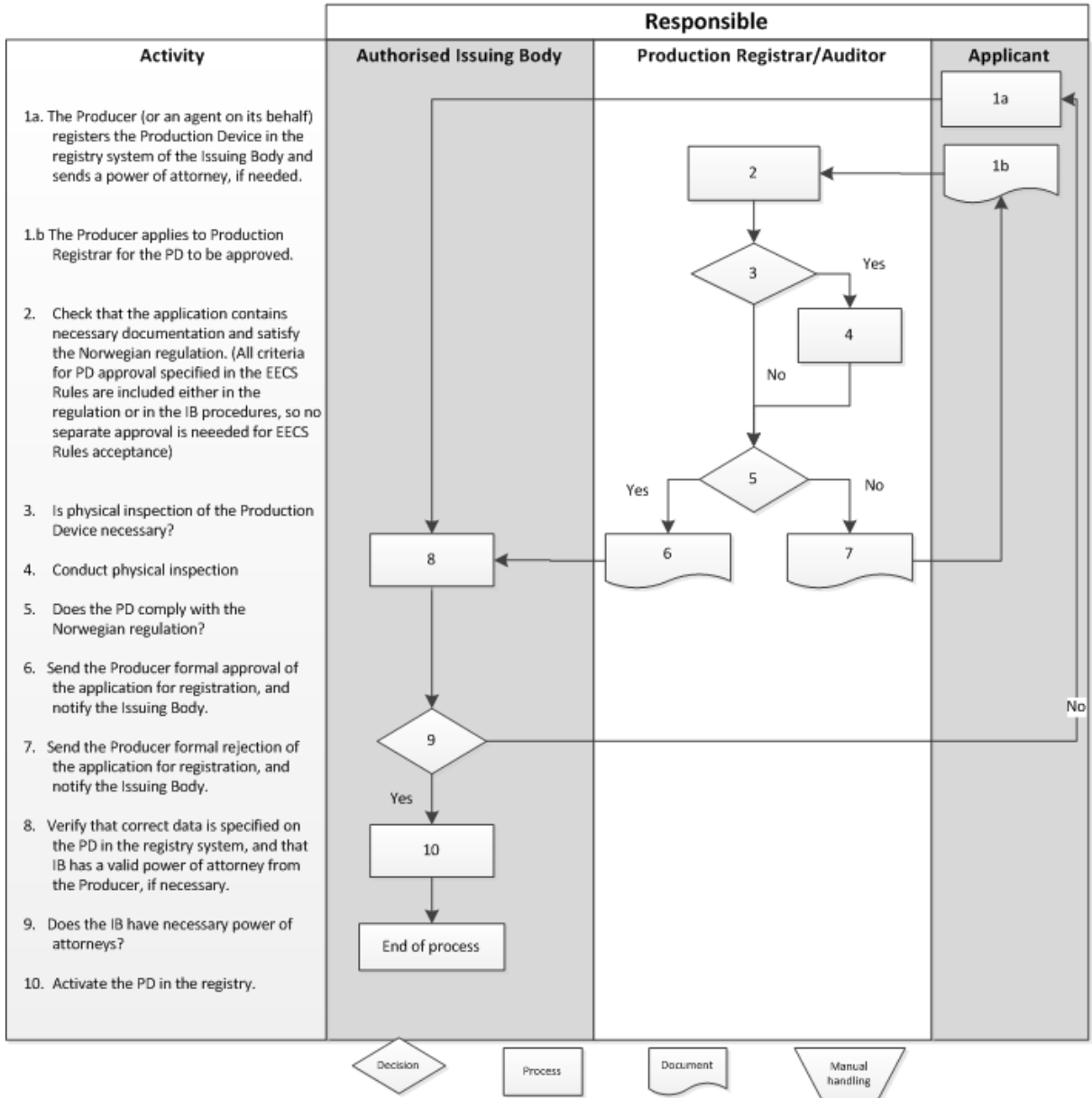
Major changes to information in the registry needs to be inserted by Statnett (e.g. change of actor type, addition of certificate types associated with the Account). Other revisions of information registered on an Account Holder can be registered directly in the registry system by the Account Holder.

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. The following description of registration refers to the registration of a Production Device for EECS GOs to an account in NECS.



D.3.2. 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.3.3. 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.3.4. The application (see Annex 6) is evaluated by the NVE, and 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.3.5. 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. The owner, or its appointed agent, registers the Production Device directly in the registry system, which will then receive an unique GSRN (Global Service Relation Number).
- D.3.6. When the Device is approved for registration by NVE and all necessary data is registered and verified, Statnett approves the Production Device in the registry system.
- D.3.7. 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.3.8. 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.3.9. A new approval is needed every fifth year i.e. a new application is required.
- D.3.10. Publication of the Production Device information can be found on the NECS' public site under "Statistics GO" and the submenu "Plants", <http://necs.statnett.no/Lists/PublicPages/Statistics.aspx>
- D.3.11. The tariffs for NECS services can be found on the NECS' public site under "About GO", <http://necs.statnett.no/Lists/PublicPages/Info.aspx>

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 resignation, 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. In order 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 has to 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 at all times 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.7 Registration Error/Exception Handling

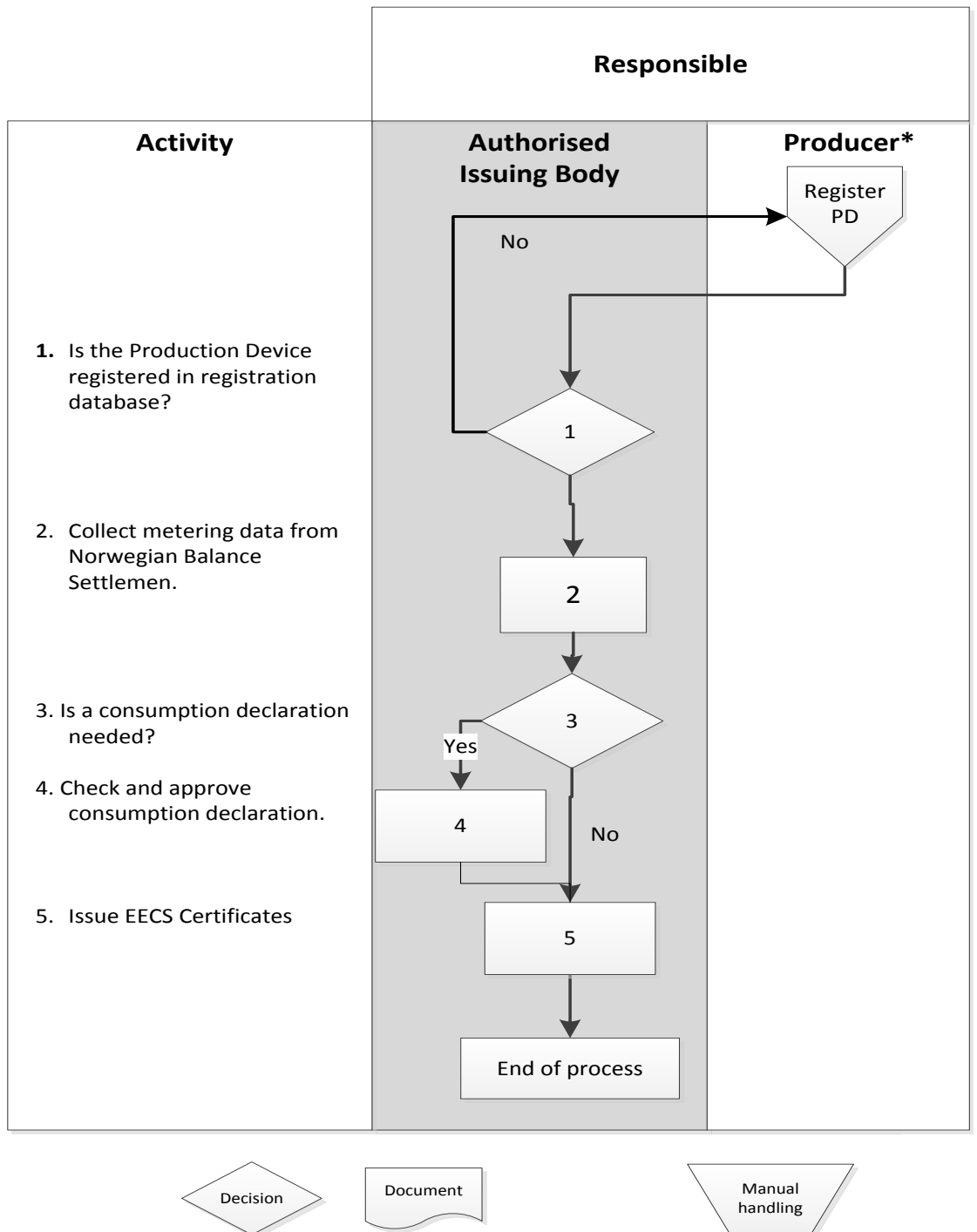
- D.7.1. Any errors in EECS GOs resulting from an error in the registered data of a Production Device will be handled in accordance with section E.8.
- D.7.2. Where Statnett becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the specifications it has been given approval 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 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 aware of the change
- D.7.3. NVE is appointed to be the Auditor of Production Devices according to §8 and §14 in the Norwegian Regulation on Guarantees of Origin.

E Certificate Systems Administration

E.1 Issuing EECS Certificates

- E.1.1. 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. The production data is based on reported MWh to the Measurement Body. Issued EECS GOs are allocated to the Production Device owners'/agents' account in the Norwegian certificates registry NECS.
- E.1.2. One EECS GO represent 1 MWh.
- E.1.3. 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.1.4. EECS GOs are issued weekly no later than 21 days after end of the production week. In the case of public holidays on issuing day, the issuance will take place the following working day.
- E.1.5. In the case of biomass Production Devices, these will receive EECS GOs on the following issuing date after the owner, or its appointed agent, have declared the distribution percentage for the Energy Sources and the Issuing Body has approved these.
- E.1.6. The meter readings of Photovoltaic (PV) Production Devices are reported by a professional, independent third party and EECS GOs for these Production Devices will be issued on the following issuing date after the receipt and approval of these.
- E.1.7. The EECS GOs shall be issued in such format as may be determined by AIB from time to time.
- E.1.8. 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



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

- E.2.1. Statnett receives daily valid measurement values automatically from the Measurement Body. Values are received 13 days after the production day, with exceptions when the 13th day is during the weekend or a bank holiday. Then the values will be received the following working day.
- E.2.2. EECS GOs are issued for weekly generation of all EECS registered Production Devices. Production periods does not exceed one day with the exception of carried-over production specified in E.2.5., and in the cases of PV Production Devices which may have monthly production periods.
- E.2.3. 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 Statnett and when accepted, issuing can be done the following periodic issuance.
- E.2.4. In case of any doubts about the accuracy of meter readings and/or fuel declarations, Statnett will not issue EECS GOs for that Production Device, but refrain from issuing until such doubts are resolved. After the resolution, the EECS GOs will be issued in the following periodic issuance. EECS GOs may be retrospectively issued for a production of a given day/period.
- E.2.5. Issued EECS GOs are deposited into the Account(s) nominated by the owner(s) of the Production Device. One certificate is issued for one MWh of nett generation. For description of nett measurement, see E.3. Any residual is carried over to the next issuing period, without time constraint.
- E.2.6. Account Holders are informed in NECS when the weekly issuing of EECS GOs will not take place as usual.

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 to NECS as net electricity production on a daily basis.
- 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. Metering of production. The paragraph states that for new Production Devices or when changing meters on existing Production Devices, metering shall be established for net production.
- E.3.5. 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.3.6. When a Production Device is out of service, its consumption is not counted.
- E.3.7. Metering data for PV Production Devices is sent directly to the Issuing Body by a professional, independent third party approved by NVE.

E.4 Energy Storage (Including Pumped Storage)

- E.4.1. Statnett issues EECS GO's for Production Devices with energy storage capacity on net production. Reporting of energy volumes for Production Devices with storage capacity, in this case for pumping, is defined by specific metering, different from the codes for production volumes.

The meter values reported for pumping is automatically deducted from the meter values reported for production upon issuing EECS GOs.

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

- 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. Statnett will verify the declaration 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 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.
- 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 GO shall be Issued in such format as may be determined by AIB from time to time.

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 buyers 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.8 Administration of Malfunctions, Corrections and Errors

E.8.1. Once issued, the details of an EECS GO 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.

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.

E.8.3. 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.

Statnett will at the same time contact the IB in the issuing domain to request that the EECS GOs are corrected/withdrawn.

E.8.4. If an erroneous transfer is initiated by the Account Holder, then that Account Holder must contact the receiving party on his own accord in order to request the receiving party to return the EECS GOs.

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.8.5. 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.8.6. 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 a EECS GOs from circulation. Once Cancelled, a 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 GO 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 transaction list overview, activity log and list of cancellation statements. Cancellation statements are generated by the Account Holder directly in the system, an example of such a statement can be seen in Annex 8.
- E.9.6. The Cancellation Statement is available for the Account Holder in PDF format in NECS. The Account Holder may retrieve a summary report of all Cancellations, which is available as Excel and PDF. See example of a Cancellation Statement, Annex 8.
- E.9.7. Ex-domain Cancellations for EECS GOs are performed for non-Member of AIB upon request to an Account Holder.
- E.9.8. 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.9.9. NECS provides public information on cancellations (included ex-domain cancellations) based on country of consumption or Energy Source.

E.10 End of Life of EECS Certificates – Expiry

- E.10.1. EECS GOs which have expired are no longer valid for transfer.
- E.10.2. Expiry is handled automatically by the Norwegian certificates registry on the date which is twelve months after the end of the production period for the relevant energy unit.
- E.10.3. Expiry dates will be available for the Account Holders in a dedicated expiry report in the NECS, and can also be seen in the transactions list overview.

E.11 End of Life of EECS Certificates – Withdrawal

- E.11.1. EECS GOs which have been withdrawn are no longer valid for transfer.
- 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 has to 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.

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/Lists/PublicPages/Statistics.aspx>

G.2 Record Retention

- G.2.1. Metering production data and data relating to the Production Device is retained for at least 10 years in the electronic database of the Measurement Body and CMO. Data dating from 2012 are in addition stored in the registry system NECS.
- G.2.2. All Account Holders' contracts (STCs) and powers of attorney are stored in a paper and/or electronic copy in the Statnett archive for 25 years.
- G.2.3. All Account Holders are obliged to retain all records to which they have had access relating to any EECS GOs, for at least 10 years after the Cancellation of the EECS GO.

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 of such.
- 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 (AIB) enables international transfers of EECS GOs under the European Energy Certificate System (EECS). With its

independent and peer reviews, and its periodic audits, the AIB provides a robust framework for reliable and fraud-resistant GO systems.

- H.1.2. Statnett will stop issuing EECS GOs if it ceases to be the Authorised Issuing Body for EECS GOs. After a transitional period the register will be taken offline.

H.2 Complaints to the AIB

- H.2.1. An Account Holder may file complaints to the AIB, secgen@aib-net.org, indicating that:

- H.2.1.1. Statnett is in breach of any of the provisions of the Product Rules of an EECS product.

- H.2.1.2. Any product rules do not comply with the relevant provisions of the EECS Rules.

I Change Control

I.1 Complaints to Statnett

- I.1.1. An account Holder may file complaints against Statnett to opprinnelsesgarantier@statnett.no.

- I.1.1.1. 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 opprinnelsesgarantier@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 of 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>.

Annex 1: Contacts List

Authorised Issuing Body/Registry Operator

Statnett SF, DDOS, Postboks 4904 Nydalen, 0423 Oslo, Norway, phone # +47 2390 3000, opprinnelsesgarantier@statnett.no, www.statnett.no

Registry support

Statnett SF, DDOS, Postboks 4904 Nydalen, 0423 Oslo, Norway, phone # +47 2390 3000, opprinnelsesgarantier@statnett.no, www.statnett.no

Production Registrars

Norges vassdrags- og energidirektorat, Seksjon for virkemidler og internasjonalt rammeverk, Middelthunsgate 29, Postboks 5091 Majorstua, 0301 Oslo, Norway, phone # +47 2295 9595, www.nve.no.

Production Auditors

Norges vassdrags- og energidirektorat, Seksjon for virkemidler og internasjonalt rammeverk, Middelthunsgate 29, Postboks 5091 Majorstua, 0301 Oslo, Norway, phone # +47 2295 9595, nve@nve.no,

Measurement Body

Statnett SF, DDOE, Postboks 4904 Nydalen, 0423 Oslo, Norway, phone # +47 2390 3000, avregning@statnett.no, 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	16	
REC.	MB/PHL	
DATE	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 Løp
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

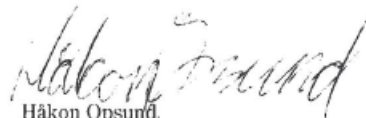
Saksbehandler
Håkon Opsand
22246368

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: Regulations relating to guarantees of origin for generation of electrical energy

Attached as separate file.

Annex 5: Know Your Customer

Statnett uses the standard KYC developed by the AIB. Attached as separate file.

Annex 6: Production Device Application/Amendment Form

Attached as separate file.

Annex 7: Production/Consumption Declaration

Filled in the registry directly.

Annex 8: EECS Electricity Cancellation Statement

Attached as separate file.