



EECS Electricity Domain Protocol

for Iceland

Prepared by Landsnet hf.

Based on EECS Rules Release 7

Release 2



EECS Electricity Scheme Domain Protocol



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A Introduction

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

Important contact information is provided in Annex 1.

B Background

B.1 Purpose

- B.1.1. This Domain Protocol sets out the procedures, rights and obligations for the administration of EECS within a specific Domain and relating to certain EECS Products.
- B.1.2. This Domain Protocol is made binding between the EECS Participant and Landsnet hf. by agreement in the form of the Standard Terms and Conditions.
- B.1.3. The objective is to ensure an acceptable level of robustness and transparency in the facilitation of the EECS Electricity Scheme for all EECS Participants.
- B.1.4. 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 EECS rules;
 - facilitates audit; and
 - translates local rules into a single format and language, supporting each of the above.

B.2 Scope

- B.2.1. This Domain Protocol sets out the procedures, rights and obligations:
- which apply to the Domain of Iceland and
 - relate to the EECS Electricity Scheme (as defined in section N of the EECS Rules) and
 - the following EECS Product(s): GO (see EECS Fact Sheet 17 "EECS Scheme Members and EECS Products").
- B.2.2. For the purposes of this Domain Protocol and the Standard Terms and Conditions for Iceland, the terms 'Scheme Participant' and 'EECS Participant' shall have the same meaning.

B.3 Roles and Responsibilities within the Domain

- B.3.1. Landsnet hf. is responsible for the operation of the EECS Electricity system for this Domain. Some of the functions facilitating system operation may be contracted out to approved agents of Landsnet hf. See Annex 1.
- B.3.2. The Central Monitoring Office (CMO) is the primary role in the operation of an EECS Scheme in a Domain. The function of the CMO is to administer and maintain the database of qualifying Production Devices and EECS Certificates for that Domain. In

Iceland this function is performed by Grexel. The charges for accounts and transactions are shown on the website www.landsnet.is

B.4 General

- B.4.1. The EECS Rules and its subsidiary documents take precedence over this document except as stated in section C.5 of this document.
- B.4.2. The definitions used in Domain Protocols shall have the meanings ascribed to them in the EECS Rules except as stated in section C.5 of this document.
- B.4.3. Retention of printed and electronic information regarding registries and data.
Printed data is retained for 10 years, the same applies for electronic data.

C Overview of national legal and regulatory framework

EECS Certificate systems

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

- Act No. 30/2008, on the guarantee of origin of electricity produced from renewable energy sources, etc. ([Icelandic](#)) ([English](#)).
- Rules on the registration of guarantees of origin.
- Rules on the verification of power plants.
- The EEA Agreement, Annex IV, point 41, on Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC, inserted by the Decision of the Joint Committee No. 162/2011 from 19 December 2011 ([Icelandic](#)) ([English](#)).

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

- According Article 3, paragraph 1, of Act No. 30/2008 on the guarantee of origin of electricity produced from renewable energy sources, etc., Landsnet hf. is responsible for the issue of guarantees of origin of electricity produced from renewable energy sources.

C.2 National Electricity Source Disclosure

C.2.1. Legislation and regulation:

- Electricity Act, No. 65/2003.
- Regulation No. 757/2012, on disclosure of information regarding guarantees of origin. ([Icelandic](#)) ([English](#)).
- National Energy Authority Guidelines on disclosure of information.

<http://eng.atvinnuvegaraduneyti.is/>

<http://www.nea.is/>

<http://www.landsnet.is/>



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C.2.2. Summary of the disclosure methodology and process:

According to Art 5 and 6 of Regulation No. 757/2012, on disclosure of information regarding guarantees of origin, electricity suppliers are obliged before 1 July each year to disclose information to consumers on the origin and waste products of the electricity production. For the share of electricity of unknown origin in residual electricity, the suppliers can use the residual mix as published by the National Energy Authority.

C.2.3. Residual Mix:

According to Art. 8 of Regulation No. 757/2012, on disclosure of information regarding guarantees of origin, the National Energy Authority shall before 1 June each year publish a residual mix and associated waste products of electricity delivered during the last calendar year for the Icelandic electricity market.

Information in standard declarations on origin of electricity shall be based on residual mix and corrections due to cancellations of guarantees of origin. The difference between total residual electricity sold and guarantees of origin cancelled for that purpose shall be fulfilled with the residual mix.

Regulation No. 757/2012 ([Icelandic](#)) ([English](#)).

<http://www.nea.is/>

C.3 National Public Support Schemes

At present, Iceland has no Support Schemes.

C.4 Additional relevant information (and documents)

None.

C.5 Major deviations from the EECS Rules

According to Art. 4 of act 30/2008 a guarantee of origin may, at the choice of a producer of electricity from renewable energy sources or cogeneration, be issued for the immediately preceding calendar month or for the preceding two to twelve calendar months.

D Registration

D.1 Registration of participants

D.1.1. Applications

- Any legal person or entity e.g. producer, production aggregator, trader, or supplier can apply to participate.
- Application form to open an account can be found in Annex no 3 and on the website www.landsnet.is. Landsnet shall respond to such an application within 5 working days.
- The EECS Scheme EECS Participant must contract with Landsnet hf. under the Standard Terms and Conditions.
- Landsnet hf. will issue each authorised user with an identification and password to enable secure communications. It is the responsibility of the EECS Participant to keep such identification secret.
- In very limited circumstances, including recovery of undisputed debt from a EECS Participant in default and purchases for its own use, Landsnet hf. can

buy and sell certificates. Such activities are reported to the Association of Issuing Bodies.

D.1.2. Resignation

The Account Holder must notify Landsnet hf. of an intent to close his account using the form shown in Annex 3. The effective date of closure must not be less than 10 working days from the date of receipt by Landsnet hf.

Landsnet hf. will inform the account holder if there are certificates in the account and give the account holder 5 working days to transfer those. Landsnet will amend the EECS Registration Database to seal that Account as of the effective date on the request or 10 working days from the date of receipt by Landsnet hf. whichever is the later.

Any annual fees paid by the Account Holder will not be refunded.

D.1.3. Maintenance of standing data

The Registrant of an Account Holder must notify Landsnet hf. of any planned changes due to come into effect that will result, or unplanned changes that have resulted, in:

- (a) the information recorded in the EECS Registration Database in relation to the Account Holder becoming inaccurate; or
- (b) the qualification criteria for a EECS Scheme ceasing to be satisfied with respect to that Account Holder.

On receipt of a change of details notification (following an inspection or otherwise), Landsnet hf. will evaluate the impact of the changes on the qualifying criteria and respond to the Registrant within 10 working days specifying the decision taken.

Where Landsnet hf. becomes aware that an Account Holder no longer fulfils, or will no longer fulfil, the qualification criteria, the EECS Registration Database record for that Account Holder will be updated to show that the Account Holder no longer qualifies for EECS Scheme Certificates with effect from:

- (a) (in relation to planned changes notified in advance) the date on which such planned changes are due to come into effect; or
- (b) (in relation to other changes) as soon as reasonably practicable after becoming so aware.

Landsnet monitors all standing data.

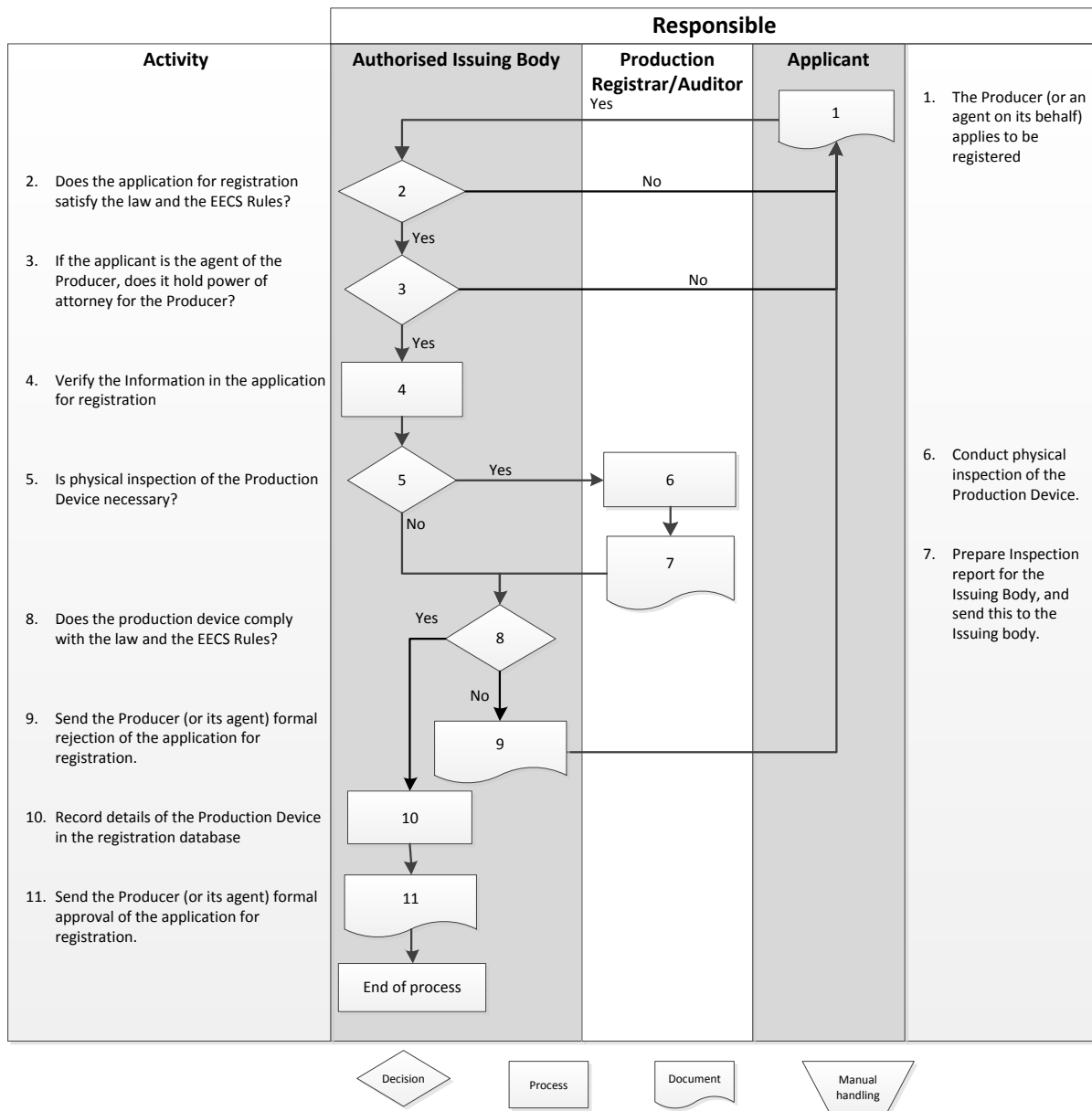
D.1.4. Error handling:

If an error in registration is noted, either by Landsnet or the Account Holder, the other party shall be notified immediately and upon approval, Landsnet shall correct the error.

D.2 Registration of production devices

D.2.1. Processes:

1



D.2.2. Application

- Landsnet is the registrar and auditor of production devices. Landsnet can approve audit reports from other independent auditors.
- Upon application to register a new power plant for issuing of EECS certificates, Landsnet confirms that the supplied data is correct, by visual inspection of the powerplant in question (see flowchart D.2.1); each PD is given a unique registration number in the registration system
- In Iceland all meter readings of powerplants that are connected to the transmission grid are directly connected to Landsnets database, and Landsnet has the responsibility to maintain those reading for each hour.
- Landsnet verifies that power of attorney is held for non-owners.
- [Rules on the certification of powerplants.](#)

D.2.3. Resignation

The Registrant must notify Landsnet hf. of an intent to deregister his Production Device in writing, specifying the effective date of deregistration. Landsnet hf. will amend the EECS Registration Database to deregister that Production Device as of:

- (a) the effective date on the request; or
- (b) the first day of the calendar month in which Landsnet hf. received the request; whichever is the later.

D.2.4. Initial inspection and subsequent audit of production devices:

Landsnet audits production devices by on site inspection, initially and every five years thereafter, according to audit procedures set by Landsnet and published on www.landsnet.is

D.2.5. Maintenance of standing data

The Registrant of a Production Device must notify Landsnet hf. of any planned changes due to come into effect that will result, or unplanned changes that have resulted, in:

- (a) the information recorded in the EECS Registration Database in relation to the Production Device becoming inaccurate; or
- (b) the Qualification Criteria for a EECS Scheme ceasing to be satisfied with respect to that Production Device.

On receipt of a change of details notification (following an inspection or otherwise), Landsnet hf. will evaluate the impact of the changes on the PD Qualification Criteria and respond to the Registrant within 10 working days specifying the decision taken.

Where Landsnet hf. becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the Qualification Criteria, the EECS Registration Database record for that Production Device will be updated to show that the Production Device no longer qualifies for EECS Scheme Certificates with effect from:

- (a) (in relation to planned changes notified in advance) the date on which such planned changes are due to come into effect; or
- (b) (in relation to other changes) as soon as reasonably practicable after becoming so aware.

D.2.6. Error handling

If an error in registration is noted, either by Landsnet or the Account Holder, the other party shall be notified immediately and upon approval, Landsnet shall correct the error, and re audit the production device if necessary according to Landsnet.

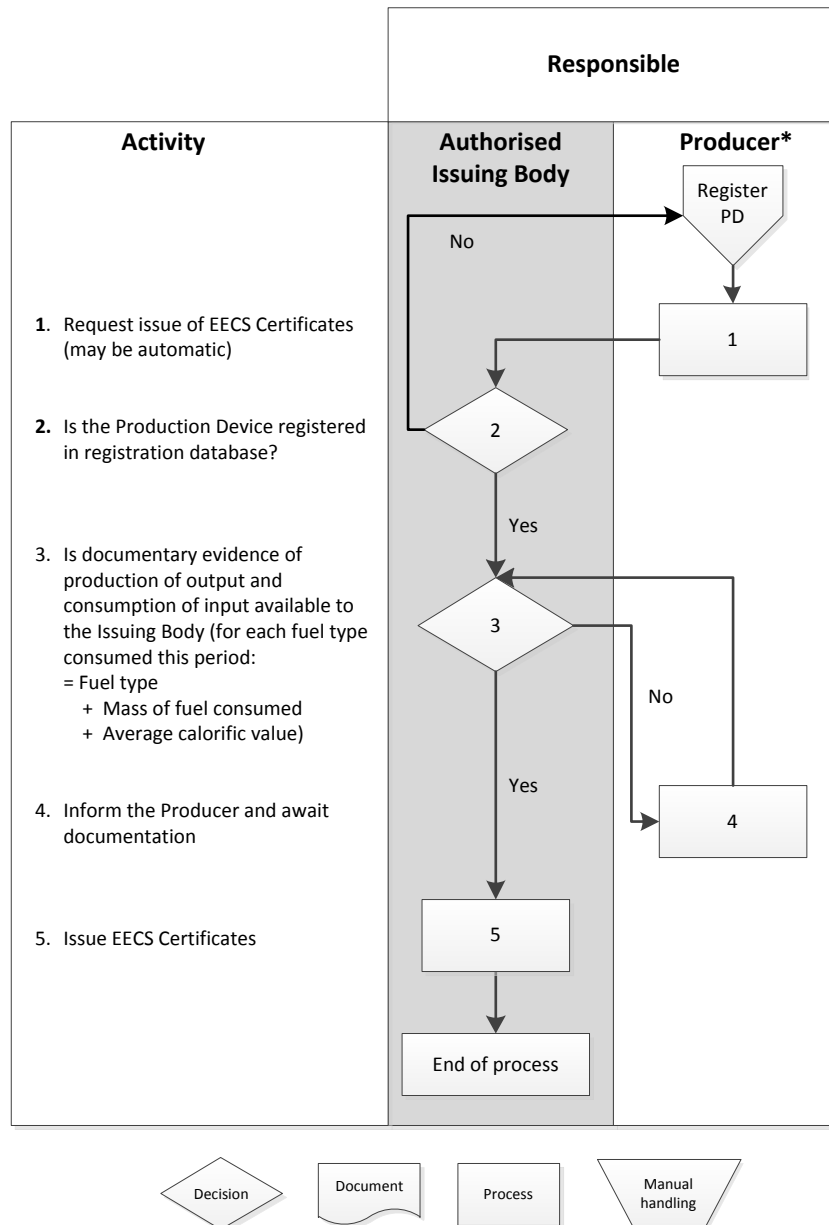
D.2.7. Production devices located on border between domains

None existant in Iceland

E Certificate Systems Administration

E.1 Issuing EECS Certificates

E.2 Processes:



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

E.3 Measurement:

- The relevant regulations are the versions of the following agreements and codes presently in force at the time: Regulation no 1050/2004
- The full list of Measurement Bodies, approved to provide data for EECS Scheme in Iceland is given in Annex 1 to this document and on the website www.landsnet.is.
- Hourly measurements are issued monthly
- Landsnet uses only actual meter readings and no user profiling is in effect.
- Only nett measurement is used.
- No energy storage systems in Iceland.
- Certificates are awarded for nett output.
- Residual kWh are carried on to the next issuing period.

E.4 Combustion fuels and Pumped Hydro (e.g. biomass):

No EECS certificates are issued for combustion plants or pumped hydro in Iceland.

E.5 Issuing of certificates:

- Monthly
- Certificates are automatically allocated according to ownership of device and any applicable power of attorney and properly authorized aggregations.
- Certificates can not be issued prior to initial audit and registration of a PD in the registration database.

E.6 Form

- Landsnet issues a balance settlement for Iceland using transmission data retrieved from Landsnets own meter readings.

E.7 Transferring EECS Certificates

E.7.1. The initiation of transfers is by the selling account holder.

E.7.2. The transfer of certificates and the confirmation of that transfer is automated and in accordance to the provisions of EECS Rules Section D.8.1.2

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

In transfers between two accounts in registries operated by Grexel, the certificates 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 certificates do not leave the Account of the original Account Holder.

In transfers between Accounts in two different registries, the success of the transfer is subject to the verification process of the AIB HUB and the receiving registry. If the transfer is not successful, the certificates are returned to the Account of the original Account Holder.

In transfers between Accounts in two different registries, Landsnet will cooperate with other Members of the EECS scheme to amend its own, or the other Members' Account Holder information.

E.7.3. Administration of malfunctions, corrections and errors.

Where an error is introduced (subsequent to its issue) into, or with respect to, a EECS Scheme Certificate held in the Account Holder's Transferables Account in the EECS Registration Database:

- (a) in the course of its Transfer into that Account; or
- (b) during such time as it is in such Account,

Landsnet hf. will correct the error in or with respect to that EECS Scheme Certificate and any errors replicated in EECS Scheme Certificates split from it, in accordance with EECS rules C.8.4, provided that such EECS Scheme Certificate(s) have not been transferred out of that Transferables Account.

Landsnet hf. may Withdraw or alter a EECS Scheme Certificate held in its EECS Registration Database to give effect to an agreement reached with the Account Holder under provisions of the Standard Terms and Conditions.

Landsnet hf. may alter a EECS Scheme Certificate held in its EECS Registration Database so as to rectify an error which occurred prior to its transfer into the Account in which it is held at such time, provided:

- (a) the Account Holder has agreed to such alteration;
- (b) it is reasonably satisfied that any unjust enrichment of a EECS Participant as a consequence of such error has, to the extent reasonably practicable, been nullified;
- (c) it is reasonably satisfied that the alteration itself does not give rise to undue enrichment of the Account Holder.

E.7.4. Where it is impossible to transfer for technical reasons, this can be overcome by cancelling certificates for use in another domain, with the agreement of the importing issuing body. Any such cancellations are notified to the "importing" issuing body and the AIB Secretariat.

E.7.5. Only EECS Scheme Certificates may enter the Icelandic Domain.

E.8 End of life of EECS Certificates

E.8.1. The initiation of cancellations is by the relevant account holder.

E.8.2. The cancellation of certificates is automated.

E.8.3. The confirmation of the success or failure of a cancellation is notified to the account holder by the issuing body.

Production device owner/Account Holder/person holding legal power of attorney does cancellations in the system. After cancellation Landsnet will verify and approve or disapprove within 5 working days. If Landsnet can not approve of cancellation, Landsnet must give reason for disapproval. After approving owner can print out the cancellation statement.

Prior to approving cancellation Landsnet checks that the cancellation is done according to electricity disclosure regulation of Iceland, EECS Rules and possible ex-domain cancellation rules; the most important criteria being:

- Cancellation for disclosure in Iceland for consumption in calendar year X must be done before 31st March in year X+1
- Country of consumption must be either:
 - Iceland
 - Country where, at the time of cancellation EECS is not implemented



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- EECS Country with issuing body of which Landsnet has ex-domain cancellation agreement in force at the time of cancellation.

If criteria is not met, Landsnet shall reject the cancellation.

E.8.4. Expiry

Certificates expire 12 months after the end of the production period of the corresponding energy unit regardless of the country of origin. This process is automatic in the registration system.

When a certificate expires, also all ICS labels attached with the certificate expire.

E.8.5. Withdrawal

Landsnet hf. May withdraw an EECS Scheme certificate held in a Transferables 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 Electricity Scheme, there by invalidating it.

E.8.6. When Certificates are cancelled, withdrawn or expired, their statuses are amended accordingly in the registry. Cancelled, withdrawn and expired certificates are not visible in the account and they cannot take part in any transaction.

E.9 Administration of corrections and errors

- Where an error is introduced (subsequent to its Issue) into, or with respect to, a EECS Scheme Certificate held in the Account Holder's Transferables Account in the EECS Registration Database:
 - in the course of its Transfer into that Account; or
 - during such time as it is in such Account,
- Landsnet hf. will correct the error in or with respect to that EECS Scheme Certificate and any errors replicated in EECS Scheme Certificates split from it, without undue delay, provided that such EECS Scheme Certificate(s) have not been transferred out of that Transferables Account.
- Landsnet hf. may Withdraw or alter a EECS Scheme Certificate held in its EECS Registration Database to give effect to an agreement reached with the Account Holder under provisions of the Standard Terms and Conditions.
- Landsnet hf. may alter a EECS Scheme Certificate held in its EECS Registration Database so as to rectify an error which occurred prior to its transfer into the Account in which it is held at such time, provided:
 - the Account Holder has agreed to such alteration;
 - it is reasonably satisfied that any unjust enrichment of a EECS Scheme EECS Participant as a consequence of such error has, to the extent reasonably practicable, been nullified;
 - it is reasonably satisfied that the alteration itself does not give rise to undue enrichment of the Account Holder.

If Landsnet becomes aware of erroneously issued certificates having been exported out of Iceland, Landsnet will notify the operator of the domain to which such certificates have been exported without undue delay.

F Audit of Production Devices

Landsnet is the registrar and auditor of production devices. Landsnet can approve audit reports from other independent auditors. Audits are carried out initially upon registration of production device and every 5 years thereafter.

- Landsnet conducts audits, but can approve audit reports from other independent auditors.
- An auditor must be an independent body that Landsnet approves.
- Landsnet audits production devices, Landsnets metering system is audited by independent auditors according to regulation 1050/2004.
- In case of issues raised during audit the production device owner must clarify and the issue and once clarified Landsnet will re-audit the production device.

G Change Control (see EECS Rules, section L)

G.1 Complaints

Complaints must be addressed to Landsnet, and upon receiving a complaint, Landsnet will respond within 5 working days with remarks on how and when the complaint will be resolved.

G.2 Disputes

In accordance with general principles on dispute settlement within the administration, decisions can be appealed to the Ministry of Industries and Innovation. After rulings by the Ministry, written complaints can be filed with the Althing Ombudsman. Disputes can also be referred to the Icelandic courts.

G.3 Change requests

Any EECS 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 Landsnet hf.

On receipt of such a request, Landsnet hf. will:

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

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

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



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

Annex 1: Contacts List

Central Monitoring Office

Company	Grexel Systems Ltd., , Finland
Contact Person	Marko Lehtovaara
Address	Hermannin rantatie 8, 00580 Helsinki
Country	Finland
Phone number	+358 9 4241 3160
Email address	info@grexel.com

Certificate Authority *(if different from the CMO)*

Company	Landsnet hf
Contact Person	Iris Baldursdottir or Linda Lea Bogadottir
Address	Gylfaflot 9, 112 Reykjavik
Country	Iceland
Phone number	+354-569-9300
Email address	iris@landsnet.is or linda@landsnet.is

Production Registrars

Company	Landsnet hf.
Contact Person	
Address	
Country	
Phone number	
Email address	

List can be found on www.landsnet.is

Production Auditors

List can be found on www.landsnet.is

Measurement Bodies

Company	Landsnet hf.
Contact Person	
Address	
Country	
Phone number	
Email address	

List can be found on www.landsnet.is

Registry support

Landsnet hf.



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Annex 2: Registration Form

Registrant of Production Device			
Applicant status:	Owner/Registrant only (delete as appropriate)	Declaration of changes ¹	<input type="checkbox"/>
Name:		Contact person:	
Street:		Postal code:	
City:		Phone #:	
Country:		Fax #:	
e-mail:		ERD ² account #:	
Issuing Body:			
Production Device			
Device name and street:		Postal code:	
City:		EAN code (if applicable)	
Country:		ID for meter readings:	
Grid reference:		Connection Voltage (kVA)	
Production Device is connected directly to the grid: Yes/No			
If the Production Device is <i>not</i> connected directly to the grid, specify the circumstances, and additional relevant meter registration numbers:			
Installed capacity, MWe:		Date of commissioning:	
Metering diagramme		Predominant use of heat ³	
Production auxiliaries			
Heat category ³			
Energy sources			
List all possible energy sources and codes for the production device according to AIB PRO fact sheet on the website www.aib-net.org			
Energy source	Code	Energy source	Code
Public Support schemes			
List all Public Support schemes associated with the production device (see AIB PRO Fact Sheet 3 – Types of Public Support)			

¹ Highlight changed data on declaration of changes. ² ERD = EECS Registration Database. Only for changes. ³ CHP devices only

Place	Date	Verified by
Signature Registrant		Production Registrar

Authorised personnel	

By undersigning this registration form the Registrant also reaffirms the relevant requirements of the Domain Protocol:

- The Registrant consents to the items listed in F2.3 in the Domain Protocol being included in the EECS Registration Database cmo.grexel.com
- The Registrant is authorised by the owner of the Production Device, which is the object of this registration form to so register that Production Device for an EECS Scheme in Iceland.
- The electrical energy produced by the Production Device is produced according to the PD Qualification Criteria set out in D of the Domain Protocol for an EECS Scheme in Iceland and will in addition be supported by such other criteria as may be from time to time prescribed by the scheme authority or CMO responsible for the Domain within which the Production Device lies.
- The information given in this registration form is truthful and exhaustive.
- Any planned changes concerning the information given in this registration form will be announced in advance to the Production Registrar and the CMO. Any unplanned changes will be announced to the Production Registrar and the CMO at the first possible occasion.



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- The owner of the production device and the Registrant as his agent accept the possibility of unannounced control and auditing visits to their own premises and/or the premises of the production device, as prescribed in the Domain Protocol for the EECS Electricity Scheme in Iceland.

Annex 3: Account Application/Amendment Form

Application for account opening/amendment in Iceland for EECS Scheme Certificates.

Applicant/Account Holder Name:	
Account Number (if existing):	
Address:	
Primary contact details:	
Name:	
Telephone:	
Email:	
Effective date:	
Authorised personnel	

The applicant/Account Holder requests:

Open new Transferables Account

Open new Redemption Account

Amend authorised personnel on this account to only those shown above

Amend Account Holder contact details

Close account

The applicant agrees to abide by the regulations governing EECS Schemes including the provisions and requirements the Domain Protocol for Iceland and the Standard Terms and Conditions of participation.

Signed

In the position of

Date



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