

**GoO RES-E and RECS  
Domain Protocol**

**for  
Luxembourg**

**Prepared by Institut Luxembourgeois de Régulation  
Based on Domain Protocol template: v1.7**

**Version 0.8 (Version 1.0 when approved by AIB)**

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# A INTRODUCTION AND PURPOSE

## A1 Introduction

- A1.1 Certification of the quality and method of energy output provides an efficient mechanism for accounting for: the quality of energy supplied to consumers and its method of production; the progress made towards targets for the use of sustainable energy technologies; and the production and consumption of energy for the purposes of stimulating investment in sustainable energy plant. Moreover, certification enables a value to be accorded to specific types of energy output and traded separately from the energy itself.
- A1.2 For a system of energy certification to discharge these functions effectively, users of the Certificates – producers, traders, suppliers, consumers, NGO's and governments – must be satisfied that the Certificates provide reliable evidence of the qualities to which they relate. The European Energy Certification System (EECS) framework is designed to give all such users confidence in the Certificates issued and processed under EECS.
- A1.3 The life cycle of a GoO RES-E and/or RECS Certificate encompasses three phases: issuance, transfer and redemption:
- (a) Electronic Certificates are issued on registries in respect the energy output of Production Devices registered specifically for the purposes of GoO RES-E and/or RECS.
  - (b) These Certificates may be transferred from the account of the producer to that of a trader, and so on; either within the country of origin or to other registries in the EECS network across Europe.
  - (c) Redemption is the mechanism whereby the Certificate is removed from circulation. Redemption occurs at the point at which the value of the Certificate is realised. Examples of circumstances in which the Redemption of a Certificate may occur include: in connection with payment from a consumer in recognition of the qualities it represents; in connection with the award by government of a financial incentive, such as a tax rebate; or by way of discharge of a contractual or legal obligation.
- A1.4 Together with the Standard Terms and Conditions, this Domain Protocol establishes the EECS Scheme for the Domain defined in B1.2 below.

## A2 Purpose

- A2.1 This Domain Protocol sets out the procedures, rights and obligations for GoO RES-E and RECS as used within this Domain.
- A2.2 This Domain Protocol is made binding between the Scheme Participant and ILR by agreement in the form of the Standard Terms and Conditions. The duties under this Domain Protocol are owed specifically between ILR and the Scheme Participant.
- A2.3 The objective is to ensure quality in the robustness and transparency in facilitating GoO RES-E and RECS for all Scheme Participants.
- A2.4 Important contact information is provided in Annex 1.

## **B SCOPE AND RESPONSIBILITY**

### **B1 This Domain Protocol**

- B1.1 This Domain Protocol specifies the procedures for the issue, and use as evidence of transfer of ownership and eventually removal of GoO RES-E and RECS Certificates held within the EECS Registration Database of ILR and may only be amended or added to by ILR in accordance with section K below.
- B1.2 This Domain Protocol for Luxembourg applies to Luxembourg, in conjunction with GoO RES-E and RECS Certificates held within the EECS Registration Database.

### **B2 Responsibility**

- B2.1 ILR is responsible for the operation of the GoO RES-E and RECS system for this Domain.
- B2.2 Some of the functions facilitating system operation may be contracted out to approved agents of ILR.
- B2.3 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 GoO RES-E and RECS Certificates for that Domain. In Luxembourg this function is performed by ILR agent #1. If applicable, the charges for accounts and transactions are shown on the website [www.ilr.lu](http://www.ilr.lu).
- B2.4 The CMO is not responsible for the authorisation of Certificates, although it is responsible for 'issuing'; the creation of Certificate records within its registry.

## C Definitions

### C1 This document

C1.1 Unless the context otherwise requires or there is express provision to the contrary, all terms in this Domain Protocol shall have the meanings ascribed to them in section B of the Principles and Rules of Operation of the Association of Issuing Bodies (AIB) for The European Energy Certification System, which can be found at <http://www.aib-net.org>

TERM	MEANING
CMO	ILR agent #1 being the person appointed by ILR to administer the operation of the EECS Registration Database for the purposes of GoO RES-E and RECS within Luxembourg;
Competent Authority	in relation to the exercise or discharge of any legislative, governmental, regulatory or administrative function, the body duly authorised under the laws and regulations of Luxembourg to exercise or discharge that function;
Scheme Participant	an Account Holder or a Registrant of a Production Device on the EECS Registration Database for the purposes of GoO RES-E and RECS within Luxembourg;
Net Electrical Energy Generation	the gross electricity production of a Production Device as evidenced by measured values collected and determined by an Authorised Body (or where appropriate an Approved Measurement Body) with reference to its Import and Export Meters (adjusted by meter amendments and the outcome of any disputes) minus the demand of any generating auxiliaries and minus losses in the main generator transformers on the site of the Production Device;
Renewable Source Factor	in relation to any Production Device and period of time the proportion expressed as a factor of less than one of the Net Electrical Energy Generation of that Production Device which is RES-E, as specified in the Production Declaration for that Production Device with respect to the period over which the electricity was generated.
Production Registrar	an accredited body satisfying independence criteria of type A of EN-45004 (ISO/CEI 17020).

## **D Guarantees of Origin (GoO RES-E)**

### **D1 Scheme Definition**

- D1.1 The European Parliament and the Council Renewable Energy Directive (2001-77-EC) requires the use of Guarantees of Origin to enable Member States to accurately and reliably guarantee the origin of renewable energy according to objective, transparent and non-discriminatory criteria; and to enable producers of renewable energy to demonstrate this. Such guarantees must be mutually recognised by Member States.
- D1.2 The GoO system in Luxembourg is introduced by the Electricity Act (article 18 of *Loi du 1er août 2007 relative à l'organisation du marché de l'électricité*) and and specified in grand-ducal Regulation (article 3 of *Règlement grand-ducal du 8 février 2008 relatif à la production d'électricité basée sur les sources d'énergie renouvelables*).
- D1.3 ILR has been appointed to act as the registration database administrator for GoO RES-E in Luxembourg.

### **D2 Supplementary Definitions**

- D2.1 This Domain Protocol supplements the terms of the GoO RES-E Scheme as set out in D1 .
- D2.2 Renewable Energy shall have the meaning assigned to it by the Directive (2001-77-EC). Electricity produced from Renewable Energy sources is referred to in this document as RES-E.
- D2.3 Guarantee of Origin shall have the meaning assigned to it by the Directive (2001-77-EC).

### **D3 Qualifying Criteria**

- D3.1 The qualifying criteria for Issue of GoO RES-E Certificates are:
- (a) electricity has been found to be generated from Renewable Energy sources according to the meaning assigned by Directive (2001-77-EC); and
  - (b) electricity has been found to be generated from the energy source claimed by the Registrant of the Originating Production Device; and
  - (c) the Production Device is registered for the purposes of GoO RES-E Certificates in the EECS Registration Database; and
  - (d) the measured value of electrical energy has been collected and determined by an Authorised Measurement Body listed in Annex 1 and/or on the website [www.ilr.lu](http://www.ilr.lu); and
  - (e) the electrical energy has neither been sold nor consumed as electricity with specific generation attributes, among others energy source and conversion efficiency, without the use of GoO RES-E Certificates.
- D3.2 For biomass devices deriving energy from waste or by-product sources, only the energy attributable from the non-fossil element will be eligible for Certificates.

### **D4 Support Schemes**

- D4.1 Support schemes are not directly relevant to the operation of the GoO RES-E scheme in Luxembourg, but support information is held within the EECS Registration Database.

### **D5 Certificate Face Values**

- D5.1 GoO RES-E Certificates can be Issued with the following Face Values:
- (a) 1MWh

## **E Renewable Energy Certificate System (RECS)**

### **E1 Scheme Definition**

E1.1 The 'Renewable Energy Certificate System' (RECS) enables international trade in the renewable attribute of energy generation by uncoupling environmental value from the associated physical energy. It is a voluntary system whose trading is governed by RECS International.

### **E2 Qualifying Criteria**

E2.1 The qualifying criteria for Issue of RECS certificates are the same than for GoO RES-E Certificates defined under D3 above,

### **E3 Issuing of RECS Certificates**

E3.1 This section is supplemental to the provisions of section H below.

E3.2 A RECS certificate cannot be issued without its associated GoO RES-E certificate.

E3.3 The issued RECS certificate will always remain associated to the corresponding GoO RES-E certificate to prevent double counting.

## **F PARTICIPATION AND REGISTRATION**

### **F1 Scheme Participation**

- F1.1 Any legal person who is not a member of the Association of Issuing Bodies or such member's affiliate or agent can be a GoO RES-E and/or RECS Scheme Participant.
- F1.2 The application form to open an Account can be found in Annex 5 and on the website [www.ilr.lu](http://www.ilr.lu).
- F1.3 The GoO RES-E and/or RECS Scheme Participant must contract with ILR under the Standard Terms and Conditions.
- F1.4 ILR will issue each authorised user with an identification and password to enable secure communications. It is the responsibility of the Scheme Participant to keep such identification secret.
- F1.5 In very limited circumstances, including recovery of undisputed debt from a Scheme Participant in default and purchases for its own use, ILR can buy and sell certificates. Such activities are reported to the Association of Issuing Bodies.

### **F2 Registration of a Production Device**

- F2.1 Only the owner or operator of a Production Device, or a Registrant duly authorised by the owner, may register a Production Device, which is located in Luxembourg in the EECS Registration Database.
- F2.2 The Registrant of the Production Device must provide evidence to the satisfaction of ILR that it has the appropriate authority to register the Production Device and that it can comply with the requirements of the GoO RES-E and/or RECS Scheme and this Domain Protocol with respect to the imposition of duties on the owner and/or operator of the Production Device.
- F2.3 An applicant registering a Production Device must provide the following information:
- (a) the applicant's name and address and additional contact details, including the name of the individual responsible for the application, phone number, fax number and e-mail address;
  - (b) the names of persons authorised to act for the Registrant;
  - (c) the EECS Scheme or Schemes with respect to which it is applying for registration;
  - (d) the Transferables Account into which Scheme Certificates in respect of that Production Device are to be Issued;
  - (e) the location of that Production Device, its name and address;
  - (f) details of the Export Meter(s) for that Production Device;
  - (g) details of any generating auxiliaries associated with that Production Device;
  - (h) where there are generating auxiliaries associated with that Production Device and the consumption of these auxiliaries is not determined by an Export Meter, details of Import Meter(s) which determine the electricity consumption by the Production Device;
  - (i) (irrespective of whether or not there is any intention to use such sources of energy in connection with the Production Device) all sources of energy that may be converted into energy outputs by that Production Device by reference to the source types set out in Annex 3;
  - (j) the nature of that Production Device, in terms of technology by reference to the types set out in Annex 3;
  - (k) the Nominal Capacity of that Production Device;
  - (l) where at the time of such application it has been commissioned, the date on which that Production Device was commissioned;

- (m) the identity of the Authorised Body or, where appropriate, Approved Measurement Body responsible for collecting and determining the measured values of the energy outputs of that Production Device and providing such measured values to ILR;
  - (n) a diagram of that Production Device, including details the location of:
    - (i) the Export Meter(s) for the Production Device;
    - (ii) any transformer substations at the site of the Production Device;
    - (iii) any generating auxiliaries for the Production Device; and
    - (iv) any Import Meters for the Production Device.
  - (o) a description of how the amount of Net Electrical Energy Generation produced by that Production Device shall be calculated from the meter readings to be provided.
- F2.4 The registration form containing all the items listed in F2.3 above can be found in Annex 2 to this Domain Protocol.
- F2.5 The Qualifying Criteria for a Production Device within the GoO RES-E and/or RECS scheme are given in D3 above.
- F2.6 The Registrant must warrant that the information provided to ILR in connection with its application is complete and accurate and that the Production Device meets the qualification criteria for GoO RES-E and/or RECS.
- F2.7 The Registrant must also provide details of any payments (other than payments arising from the sale of GoO RES-E and/or RECS Certificates) which have been received by, or are due to accrue to, any person in relation to the Production Device under any of the Public Support schemes identified in D4.1 above.
- F2.8 ILR will respond to the application within 40 working days from its receipt.
- F2.9 The Registrant must have the information in the registration form verified by a Production Registrar (see J2.1) as part of the approval process. Where the Nominal Capacity of the Production Device does not exceed 30 kW, the Measurement body may act as a Production Registrar. The date scheduled for an inspection of the Production Device must be communicated to ILR in due time by the Registrant.
- F2.10 Where the Production Device is already accredited to another EECS Scheme or legislative support scheme, the ILR may determine that part or all of the verification of this application is not required.
- F2.11 An application for the registration of a Production Device for the purposes of GoO RES-E will be rejected if:
- (a) in relation to that application, the applicant has failed to comply with any requirements of this Domain Protocol or the Standard Terms and Conditions;
  - (b) the Qualification Criteria are not satisfied in respect to that Production Device;
  - (c) there are one or more generating auxiliaries for that Production Device the consumption of which are not determined by an Export Meter, and it is not fitted with Import Meters; or
  - (d) the Production Registrar is prevented from satisfactorily verifying the application by the applicant or the owner or operator of the relevant Production Device.
- F2.12 On successful completion of the registration process, ILR will assign a unique identifier to each registered Production Device, if one has not already been assigned in that EECS Registration Database under another EECS Scheme.
- The identifier consists of a number with 18 numeric characters that also identifies the Domain of origin. EAN/GSRN (Global Service Relational Number) coding is used.
- F2.13 The Registrant consents to the publication by ILR or its CMO of data provided in the course of its application for registration in relation to each of its Production Device registered on the database on its web page with the exception of:
- (a) detailed descriptions of plant and equipment;
  - (b) graphical representations of the Production Device and its location, including diagrams and photographs; and

- (c) details of:
  - (i) the person responsible for the application; and
  - (ii) where the Registrant of the Production Device is not its owner, the Production Device's owner.

### **F3 Changes in Registered Details**

F3.1 The Registrant of a Production Device must notify ILR 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 GoO RES-E and/or RECS ceasing to be satisfied with respect to that Production Device.

F3.2 On receipt of a change of details notification (following an inspection or otherwise), ILR will evaluate the impact of the changes on the Qualifying Criteria and respond to the Registrant within 30 working days specifying the decision taken.

F3.3 Where ILR 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 GoO RES-E and/or RECS 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.

### **F4 Withdrawing from the Scheme - Closing an Account**

F4.1 The Account Holder must notify ILR of an intent to close his account using the form shown in Annex 5. The effective date of closure must not be less than 10 working days from the date of receipt by ILR.

F4.2 ILR will amend the EECS Registration Database to seal that Account as of the effective date on the request or 30 working days from the date of receipt by ILR whichever is the later.

### **F5 Withdrawing from the Scheme - Deregistering a Production Device**

F5.1 The Registrant must notify ILR of an intent to deregister his Production Device in writing.

### **F6 Withdrawing from the Scheme - Registration Expiry**

F6.1 Unless otherwise directed by legislation identified in D1 above, the registration of a Production Device as qualifying for GoO RES-E in the EECS Registration Database will expire after five (5) years. ILR will amend with immediate effect the relevant records in the EECS Registration Database to indicate that the Production Device no longer qualifies for GoO RES-E and/or RECS.

F6.2 The Registrant may avoid expiry by successfully completing re-registration of the relevant Production Device as set out in section F2 above. Following expiry, the Registrant may apply for re-registration of the relevant Production Device.

## **G PRODUCTION DATA**

### **G1 Metering**

- G1.1 Only Production Devices that are equipped with metering equipment that complies with the relevant regulations for the trading of generation 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 point of delivery of the production device must be attributed to a balancing group.
- G1.2 For the avoidance of doubt, the relevant regulations are the versions of the following agreements and codes presently in force at the time:
- (a) Balancing group contract (Bilanzkreisvertrag)
  - (b) Framework contract (contrat cadre fournisseur)
- G1.3 Unless determined under the regulations listed in G1.2 above, the metering Measurement Frequency shall be no more than twelve-monthly.

### **G2 Data Provision**

- G2.1 If the Registrant wishes to receive GoO RES-E Certificates for his Production Device in an issuing period, he must submit a Production Declaration to ILR.
- (a) If the Production Device has a single energy source (i.e. excluding biomass and pumped storage hydro), the Registrant must submit a Production Declaration for that Production Device at least once in any [12] month period.
  - (b) If the Production Device has multiple energy sources (i.e. including all biomass, CHP, and pumped storage hydro), the Registrant must submit a Production Declaration for that Production Device for every issuing period as defined in H1.2 below.

The Production Declaration form can be found in Annex 4 to this Domain Protocol.

- G2.2 The Registrant is responsible for the timely delivery of accurate metering data for his Production Device, although metered energy values must be provided, or verified, by a Measurement Body (see J3 below).
- G2.3 Production Declarations are subject to verification by a Production Auditor (see J1 below) on a random and periodic basis.
- G2.4 In the event that it transpires that the data in any Scheme Certificate is inaccurate (whether or not through an act or omission of the Registrant of the Originating Production Device):
- (a) ILR shall (provided that such GoO RES-E and/or RECS Certificates are, at the time of such Withdrawal, in the Transferables Account of that Registrant) Withdraw those Certificates; and
  - (b) ILR has the legal powers (e.g. suspension of Issuance; administrative fine in case of non compliance) and shall oblige the Registrant to secure for Withdrawal of other EECS GoO Certificates of the same type and within a term set by ILR.

The Registrant must provide metering data for his Production Device for the entire duration of registration of that Production Device (regardless of whether the generation is eligible or certificates are required).

- G2.5 A person submitting a Production Declaration (See Annex 4) in accordance with G2.1 above shall be obliged to specify therein:
- (a) the values of  $M^i$  and  $C^i$  for each fuel type 'i'; and
  - (b) as the Energy Source Factor for that period, a factor no greater than L,

Where:

$$L^j = \frac{\sum_i^j M^i \times C^i}{\sum_i^n M^i \times C^i}$$

And

$M^i$  is the mass of each fuel type 'i' for that Production Device during the relevant period.

$C^i$  is the average calorific value of each fuel type 'i' for that Production Device during the relevant period.

i to j are qualifying energy sources for that Production Device during the relevant period.

j to n are not qualifying energy sources for that Production Device during the relevant period.

G2.6 In some cases, additional information is required by the issuer to ensure the number of Certificates issued correctly represents the qualifying energy that was metered. If applicable, these cases, and the additional information required is specified by ILR. This information may concern among others:

(a) The low calorific value of the fuel used for electricity generation

(b) The use of the heat produced jointly with the electricity

(c) The calculated primary energy savings

G2.7 Registrant has to notify ILR of any sale or consumption of electrical energy which has been sold or consumed as electricity with given generation attributes, among others energy source and conversion efficiency, without the use of GoO RES-E and/or RECS Certificates since this electricity is ineligible for GoO RES-E and/or RECS Certificates as specified in D3.1(e).

# H PROCESSING OF CERTIFICATES

## H1 Issuing for Transfer

- H1.1 GoO RES-E and/or RECS Certificates are only issued under this Domain Protocol:
- (a) in respect of a Production Device which is, at the time of Issue:
    - (i) situated in Luxembourg;
    - (ii) registered in the EECS Registration Database of ILR as qualifying for GoO RES-E and/or RECS Certificates; and
  - (b) in respect of the qualifying energy output of such a Production Device during any period in which it was registered in an EECS Registration Database for the purposes of the GoO RES-E or RECS scheme, provided the last day on which the measured energy output was generated is not more than:
    - (i) thirteen (13) calendar months after the first day on which the measured energy output was generated; and
    - (ii) twelve (12) calendar months before the date of issue of any related EECS certificates; and
  - (c) energy output in respect of which (save to the extent permitted under sections H4 to H6 below) no other Certificate, of any variety, has been, or is being, issued.
- H1.2 Subject to H1.1 above GoO RES-E and/or RECS Certificates are issued against energy data submitted in accordance with G2.2 above.
- H1.3 Where the Measurement Frequency is not more than monthly, the Issuing Frequency shall be at least monthly; and where the Measurement Frequency is more than monthly, then the Issuing Frequency shall be the same as the Measurement Frequency.
- H1.4 Where the Measurement Frequency is more than monthly, then the number of GoO RES-E and/or RECS Certificates issued to a Production Device for each month must either be equal, or as directed by an officially approved production profile.
- H1.5 Only persons duly authorised by the Registrant may request the issue of GoO RES-E and/or RECS Certificates in relation to the output of that Production Device.
- H1.6 The CMO will check the Production Declaration against the metered data provided for the Production Device for the period to which the Production Declaration relates. The EECS Registration Database will also be checked to ensure that no more than one GoO RES-E and/or RECS Certificate is Issued in respect of the same qualifying energy output.
- H1.7 One GoO RES-E and/or RECS Certificate will be issued for each whole one MWh of qualifying energy output of the Production Device. Any identifiable residual kWh will be carried forward to the next issuing period.
- H1.8 The CMO will deposit the Certificates in the Transferables Account nominated by the Registrant within the EECS Registration Database no later than 90 working days after the receipt of a valid Production Declaration at the end of every issuing period and the Account Holder will be notified accordingly.
- H1.9 The GoO RES-E Certificates shall be issued in such format as may be determined by AIB from time to time.
- H1.10 A GoO RES-E and/or RECS Certificate identifies the entitlement of the Account Holder of the Transferables Account in which it is held to the attributes of:
- (a) the energy source for the quantity of energy output to which it relates; and/or
  - (b) the method and quality of the production of such energy output;
- so as to enable the Account Holder to realise such real and intangible benefits as may be accorded to such entitlement. These entitlements are dependent on the laws of the country in which the Originating Production Device is situated and the laws applicable in any Domain to which they may be transferred for realisation on Redemption.

## H2 **Transfer**

H2.1 A GoO RES-E and/or RECS Account Holder can hold GoO RES-E and/or RECS Certificates in an account within the EECS Registration Database for Luxembourg.

On request the CMO will open an account within 30 working days. The account will be uniquely identified by a number and a name.

H2.2 The Account Holder can get secure access to the Account to make transfers of Certificates to another Account in the same EECS Registration Database or to another EECS Registration Database for GoO RES-E and/or RECS Certificates in another Domain [through the website [website address]], [insert further description if required here]

H2.3 Only persons duly authorised by the Account Holder may request the transfer of GoO RES-E and/or RECS Certificates out of that Account Holder's Transferables Account. Authorised persons must be identified on the account application form (see Annex 5).

H2.4 Where a Transfer Request is received with respect to one or more Scheme Certificates held in a Transferables Account on its EECS Registration Database, ILR will, having confirmed that the Transfer Request is valid:

- (a) remove from that Transferables Account the details of the GoO RES-E and/or RECS Certificate(s) specified in the Transfer Request;
- (b) where the Transferee's Transferables Account specified in the Transfer Request is in the same EECS Registration Database:
  - (i) include the full details of the GoO RES-E and/or RECS Certificate(s) referred to in (a) above in the Transferee's Transferables Account;
  - (ii) confirm, to the Transferor, the identity of the GoO RES-E and/or RECS Certificates so transferred and any GoO RES-E and/or RECS Certificate split in connection with such transfer by reference to their unique identifying number(s) and Face Values; and
  - (iii) confirm, to the Transferee, the identity of the Transferor and of the GoO RES-E and/or RECS Certificates so transferred by reference to their unique identifying number and Face Values; and
- (c) where the Transferee's Transferables Account specified in the Transfer Request is on a different EECS Registration Database:
  - (i) notify the operator of that other EECS Registration Database of that Transfer Request;
  - (ii) subject to H2.7 below, send the full details of the GoO RES-E and/or RECS Certificates referred to at (a) above to the operator of that other EECS Registration Database;
  - (iii) record on its own EECS Registration Database, the export of such GoO RES-E and/or RECS Certificates, and, where appropriate as a result of the operation of H2.7, the cancellation of their status as Scheme Certificates under any EECS Scheme;
  - (iv) on receipt of confirmation from the operator of that other EECS Registration Database that the transfer has been completed, confirm to the Transferor the identity of the operator of that other EECS Registration Database and of the GoO RES-E and/or RECS Certificates so transferred and of any split in connection with such transfer by reference to their unique identifying numbers and Face Values.

H2.5 Where ILR is notified by another EECS Registration Database operator of a Transfer Request including details of a GoO RES-E and/or RECS Certificate which are consistent with the Transfer Criteria for GoO RES-E and/or RECS Certificates together with the account number for a Transferables Account on its own EECS Registration Database, it will:

- (a) insert the full details of that GoO RES-E and/or RECS Certificate in that Account Holder's Transferables Account;
- (b) confirm to the EECS Registration Database operator that notified it of such Transfer Request that the transfer of that GoO RES-E and/or RECS Certificate has been completed; and

- (c) confirm, to the Transferee, that such EECS Certificate has been transferred by reference to its unique identifying number and Face Value.

H2.6 Where ILR is notified by another EECS Registration Database operator of a Transfer Request involving a Scheme Certificate which does not satisfy the Transfer Criteria for such GoO RES-E and/or RECS Certificates and/or receives an account number which does not correspond with an account number for a Transferables Account on its own EECS Registration Database, ILR will use reasonable endeavours to exchange information such that the GoO RES-E and/or RECS Certificate can be rendered compliant with the GoO RES-E and/or RECS for Luxembourg or the correct account number identified (as the case may be), failing which:

- (a) the full details of the GoO RES-E and/or RECS Certificate shall be re-entered into the Transferor's Transferables Account on the relevant EECS Registration Database and that EECS Registration Database shall be amended so that the GoO RES-E and/or RECS Certificate is no longer recorded as having been exported; and
- (b) all details of the GoO RES-E and/or RECS Certificate shall be removed from the other EECS Registration Database.

H2.7 Where:

- (a) ILR receives a Transfer Request in respect of a GoO RES-E and/or RECS Certificate which is a Scheme Certificate under more than one EECS Scheme; and
- (b) the Transferee's Transferables Account specified in the Transfer Request is on a registry that is not part of GoO RES-E and/or RECS,

the details of the GoO RES-E and/or RECS Certificate referred to in H2.4(c)(ii) above will be amended to remove any identifier indicating that the certificate is a GoO RES-E and/or RECS Certificate.

H2.8 The CMO will process a transfer request within the following deadlines:

- (a) A request for transferral of GoO RES-E and/or RECS Certificates to an account in the same EECS Registration Database will be executed within 10 working days.
- (b) On a request for transferral of GoO RES-E and/or RECS Certificates to an account in a different EECS Registration Database, the export message will be sent to the receiving CMO within 10 working days.
- (c) On receiving an export message, the CMO will execute that message within 10 working days.

In many cases these processes are fully automated and will occur according to the operational timescales of the Transfer Link which may be significantly ahead of these processing deadlines.

H2.9 The Account Holder is required to retain all records to which he has had access relating to GoO RES-E and/or RECS Certificates for a period not less than 10 years.

### H3 **Redemption**

H3.1 Redemption is the removal of a Certificate from circulation and is the point at which it ceases to be tradable. Once in a Redemption Account, a GoO RES-E and/or RECS Certificate cannot be moved to any other account.

H3.2 Only persons duly authorised by the Account Holder may request the redemption of GoO RES-E and/or RECS Certificates out of that Account Holder's Transferables Account and into its Redemption Account. The request is given electronically through the web site [web site address].

H3.3 A redemption request can be made by a person duly authorised by the Account Holder to transfer GoO RES-E and/or RECS Certificates out of that Account Holder's Transferables Account and into the Redemption Account of a Redeeming Body. The request must include:

- (a) the name of the Account Holder;
- (b) the relevant Production Device id(s);
- (c) the relevant number of GoO RES-E and/or RECS Certificates associated with each Production Device listed in (b) to be redeemed;

- (d) the relevant production period(s); and
- (e) the usage into which this redemption falls, where this is one of:
  - (i) support, where the certificate is being redeemed in order to receive financial support;
  - (ii) disclosure, where the certificate is being redeemed under a green labelling scheme or as proof of supply to consumers or for own use, and has not been used in order to receive financial support;
  - (iii) error, where the certificate being redeemed was issued by ILR and the redemption is due to its being issued in error; or
  - (iv) other, for any other purpose.

H3.4 On receipt of valid redemption request, ILR will:

- (a) remove the details of that GoO RES-E and/or RECS Certificate from that Transferables Account;
- (b) insert the details of that GoO RES-E and/or RECS Certificate in the Redemption Account of the Redemption Body which made, or is specified, in that request; provide the Account Holder with access to the full details of that GoO RES-E and/or RECS Certificate certifying that it has been Redeemed; and
- (c) provide details of the Redeemed GoO RES-E and/or RECS Certificate to the Redeeming Body and its auditors where requested to do so.

H3.5 A request for redemption of a GoO RES-E and/or RECS Certificate will be executed within 10 working days.

H3.6 On request from an Account Holder, the CMO will produce a standard format, non-transferable, redemption statement within 30 working days. The request should include the following details:

- (a) The GoO RES-E and/or RECS Certificates to be redeemed.
- (b) The recipient of those Certificates, if not the Account Holder.
- (c) Any other information to be included on the statement
- (d) The production/issuing date if not sufficiently identified in (a) above.

H3.7 According to the request, the statement will include some or all of the Certificates held in that Account Holder's Redemption Account that have not previously been included on such a statement.

The format of the redemption statement is shown in Annex 6 to this document.

## H4 **Splitting**

H4.1 An GoO RES-E and/or RECS Certificate may be split into Certificates of lower Face Values if directly requested by the Account Holder or implied by the volume in a Transfer Request. This is achieved by deleting it and replacing it with GoO RES-E and/or RECS Certificates identical with that GoO RES-E and/or RECS Certificate in every respect save as to their denominations in MWh and any unique identification numbers. The aggregated Face Values of the replacement GoO RES-E and/or RECS Certificates will be the same as the Face Value of the original GoO RES-E and/or RECS Certificate.

H4.2 Where a split of a Certificate is implied by a Transfer Request, that Transfer Request will be deemed to apply to all the replacement Certificates up to the volume implied by that Transfer Request.

## H5 **Withdrawals**

H5.1 ILR may Withdraw a GoO RES-E and/or RECS 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 GoO RES-E and/or RECS scheme, thereby cancelling it.

## H6 **Errors**

H6.1 Where an error is introduced (subsequent to its Issue) into, or with respect to, a GoO RES-E and/or RECS 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,

ILR will correct the error in or with respect to that GoO RES-E and/or RECS Certificate and any errors replicated in GoO RES-E and/or RECS Certificates split from it, provided that such GoO RES-E and/or RECS Certificate(s) have not been transferred out of that Transferables Account.

H6.2 ILR may Withdraw or alter a GoO RES-E and/or RECS 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.

H6.3 ILR may alter a GoO RES-E and/or RECS 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 GoO RES-E and/or RECS Scheme 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.

# **I MONITORING AND REPORTING**

## **I1 Monitoring**

- I1.1 The Registrant, on behalf of the owner and operator, of a Production Device must permit ILR, or its agent, to access the Production Device or records associated with it, its energy output and sources of energy when conducting inspections in accordance with this section I1, including, if so required, without prior notice. Refusal to permit such access may be considered a breach of the Standard Terms and Conditions.
- I1.2 ILR, or its agent, will periodically conduct inspections of a Production Device registered on its EECS Registration Database and any associated Import and Export Meters to confirm that:
- (a) the information recorded in relation thereto on the EECS Registration Database is accurate;
  - (b) the Registrant and, where applicable, the owner and/or operator of the Production Device, is complying with all relevant obligations under the relevant EECS Schemes; and
  - (c) such Production Device continues to meet the Qualification Criteria for the EECS Schemes in relation to which it is registered.
- I1.3 The period between inspections of a Production Device under I1.2 above will not exceed 5 years except for Production Devices with a Nominal Capacity below 30 kW, which are subject to random and targeted inspections. ILR will request the Registrant of a Production Device to produce a report from its nominated Production Auditor stating that the registration continues to satisfy the criteria in I1.2 above. See also J1.6 below.
- I1.4 ILR, or its agent, may conduct ad-hoc inspections of records associated with relevant Public Support in relation to Production Devices registered on its EECS Registration Database for the purposes of EECS Schemes.

## **I2 Activity Reporting**

- I2.1 In order to maintain an open and orderly market, ILR has a duty to publish information in relation to the activities of that market.
- I2.2 Each Production Auditor will report to ILR every 6 months specifying the auditing measures it has carried out in the preceding 6 months.
- I2.3 ILR will publish an activity report no less than once every three months on the number of GoO RES-E and/or RECS Certificates which, within the preceding three calendar months:
- (a) it has Issued;
  - (b) (where relevant) have been transferred within its EECS Registration Database from Accounts associated with one Domain to Accounts associated with another Domain held on the same EECS Registration Database;
  - (c) have been transferred into its EECS Registration Database from EECS Registration Databases of other EECS Scheme registry operators;
  - (d) have been transferred from its EECS Registration Database to EECS Registration Databases of other EECS Scheme registry operators;
  - (e) it has transferred from Transferables Accounts to Redemption Accounts.
- I2.4 The AIB will publish in respect of each calendar year an annual report within six months of the end of that calendar year on the functioning and efficiency of the market in Scheme Certificates Issued or transferred to accounts in its members' EECS Registration Databases.
- I2.5 The annual report referred to I2.4 above shall specify any institutional, structural, and legal impediments to the efficient functioning of the GoO RES-E and/or RECS scheme within Luxembourg.

### **I3 Exception Reporting**

I3.1 Where as a consequence of an inspection conducted pursuant to I1 above, ILR determines that the Scheme Participant is in breach of this Domain Protocol or the Standard Terms and Conditions, or determines that a Production Device is in breach of the Qualifying Criteria for an EECS Scheme in relation to which it is registered, ILR will:

- (a) take such action as is necessary to secure that GoO RES-E Certificates are correctly being issued, such action to include, in a case of material non-compliance with the this Domain Protocol or the Standard Terms and Conditions by the Registrant, the withdrawal of registration of the relevant Production Device for the purposes of the EECS Scheme; and
- (b) notify the AIB of such breach where ILR is of the reasonable opinion that such breach could affect the transfer of EECS Certificates out of its EECS Registration Database into another EECS Registration Database.

I3.2 ILR will report any failures by the Scheme Participant to comply with the provisions of this Domain Protocol or the Standard Terms and Conditions to the Competent Authorities in relation to such matters. Such failures shall include behaviour by the Scheme Participant of which ILR is aware and which, in its reasonable opinion, amounts to a breach of Competition Law, or applicable law governing the conduct of financial markets.

I3.3 ILR will also notify the AIB of any report made by it under I3.1 above providing as much information in relation to such a report as is consistent with any duty of confidentiality it may have to the Scheme Participant.

## **J AGENTS AND MEASUREMENT BODIES**

### **J1 Production Auditor**

- J1.1 The role of the Production Auditor is to verify Production Declarations and (where appropriate) Consumption Declarations made by Registrants of Production Devices to the CMO for the purposes of Certificate issuing. This is to ensure the continued fulfilment of the conditions of registration.
- J1.2 The Production Auditor is an agent of ILR. The full list of approved Production Auditors is given in Annex 1 to this document and on the website [www.ilr.lu](http://www.ilr.lu).
- J1.3 To be a Production Auditor, the company must be an accredited body satisfying independence criteria of type A of EN-45004 (ISO/CEI 17020). The operation of the Production Auditor is under the control of ILR and the Association of Issuing Bodies.
- J1.4 The Registrant of the Production Device may nominate a Production Auditor from the list in Annex 1. Such a Production Auditor must be independent of the owner or the Registrant of the Production Device.
- J1.5 The Production Auditor will receive information about the issued GoO RES-E Certificates from ILR and the registered information relating to the Production Device for the period being reviewed. The Production Auditor will compare generation capacity with the issued number of Certificates and other relevant data e.g. wind speeds, to identify any potential abnormalities.
- J1.6 The Production Auditor will report any discrepancies from the registered information to ILR as soon as possible.
- J1.7 A Production Auditor may also perform the role of Production Registrar.

### **J2 Production Registrar**

- J2.1 As part of the registration process for the Production Device, it is necessary for the information provided by the applicant to be independently verified. This is normally achieved through a site inspection. ILR must verify the application, but can delegate the activity to a Production Registrar as his agent.
- J2.2 The full list of authorised Production Registrars is given in Annex 1 to this document and on the website [www.ilr.lu](http://www.ilr.lu).
- J2.3 Charges to the applicant for this service are negotiated with Production Registrars.
- J2.4 The Registrant, on behalf of the owner and operator, of a Production Device must permit ILR, or a Production Registrar as its agent, to access the Production Device or records associated with it, its energy output and sources of energy when conducting inspections in accordance with section J2.1 above.
- J2.5 A Production Registrar may also perform the role of Production Auditor.

### **J3 Measurement Body**

- J3.1 A Measurement Body is an organisation responsible for the collection of metering data relating to the output of the Production Device.
- J3.2 The full list of Measurement Bodies, approved to provide data for GoO RES-E in Luxembourg is given in Annex 1 to this document and on the website [www.ilr.lu](http://www.ilr.lu).

## **K MODIFICATIONS**

### **K1 Modifications to this Domain Protocol**

- K1.1 The Scheme Participant may propose a modification to this Domain Protocol;
- K1.2 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 ILR.
- K1.3 On receipt of such a request, ILR will:
- (a) Respond to the request within 30 working days, describing the procedures to be followed, and estimating when a reply can be expected;
  - (b) Consult with the other GoO RES-E and/or RECS Scheme Participants within Luxembourg;
  - (c) Decide whether the request and its consequences are in its opinion reasonable;
  - (d) Inform the GoO RES-E and/or RECS Scheme Participants within Luxembourg the outcome of this decision.
- K1.4 ILR may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.
- K1.5 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.
- K1.6 Implementation of modifications will be notified by email to the Scheme Participant and will take effect on publication of the documentation on the website [www.ilr.lu](http://www.ilr.lu).

## **L ASSOCIATION OF ISSUING BODIES**

### **L1 Membership**

- L1.1 ILR is a member of the Association of Issuing Bodies (AIB) and is bound by the quality standards of that Association for the international transfer of certificates. Continued membership is essential to facilitate international transfers of GoO RES-E and/or RECS Certificates.
- L1.2 In order to maintain the quality standard across the entire EECS network, all AIB members are subject to audit and periodic peer review.
- L1.3 In the event of ILR or one of its agents failing to maintain the quality standard, there may be a suspension of GoO RES-E and/or RECS Certificate issuing and/or international transfers into or out of Luxembourg.
- L1.4 Should ILR decide to withdraw from AIB membership in respect of GoO RES-E and/or RECS in Luxembourg, it will give notice in writing to the Scheme Participant in accordance with the Standard Terms and Conditions.

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## Annex 1 – Contacts List

### Central Monitoring Office

Company	ILR Agent #1:Grexel Ltd.
Contact Person	
Address	Itämerenkatu 5, FI-00180 Helsinki
Country	Finland
Phone number	
Email address	

### Certificate Authority *(if different from the CMO)*

Company	ILR
Contact Person	
Address	45 Allée Scheffer 2922 Luxembourg
Country	Luxembourg
Phone number	
Email address	

### Production Registrars

See [www.ilr.lu](http://www.ilr.lu)

### Production Auditors

See [www.ilr.lu](http://www.ilr.lu)

### Measurement Bodies

See [http://www.ilr.public.lu/electricite/gestionnaires/gestionnaires\\_distrib/index.html](http://www.ilr.public.lu/electricite/gestionnaires/gestionnaires_distrib/index.html)

## Annex 2 – Registration Form

<b>Registrant of Production Device</b>			
Applicant status:	Production device operator	Declaration of changes <sup>1</sup>	<input type="checkbox"/>
Name:		Contact person:	
Street:			
City:		Postal code:	
Country:		Phone #:	
e-mail:		Fax #:	
Issuing Body:		ERD <sup>2</sup> account #:	
<b>Production Device</b>			
Device name and street:			
City:		Postal code:	
Country:		EAN code (if applicable)	
Grid reference:		ID for meter readings:	
Production Device is connected directly to the grid: Yes/No		Connection Voltage (kVA)	
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:	
Heat category <sup>3</sup>		Predominant use of heat <sup>3</sup>	
<b>Energy sources</b>			
List all possible energy sources and codes for the production device from the list in Annex 3			
<b>Energy source</b>	<b>Code</b>	<b>Energy source</b>	<b>Code</b>
<b>Public Support schemes</b>			
List all Public Support schemes associated with the production device (see AIB PRO Fact Sheet 3 – Types of Public Support)			

<sup>1</sup> Highlight changed data on declaration of changes. <sup>2</sup> ERD = EECS Registration Database. Only for changes. <sup>3</sup> 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 is authorised by the owner of the Production Device, which is the object of this registration form to so register that Production Device for GoO RES-E in Luxembourg.
- The electrical energy produced by the Production Device is produced according to the Qualifying Criteria set out in D3 of the Domain Protocol for GoO RES-E in Luxembourg 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.
- 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 GoO RES-E in Luxembourg.

## Annex 3 – Energy Source Types and Technology Types

Reference should be made to AIB PRO Fact Sheet 5 on the website [www.aib-net.org](http://www.aib-net.org) for the latest version of these tables.

### Renewable Source Electricity (*Schemes: RECS and EECS-GoO*)

Source	Technology	Type	Combustible?	CO <sub>2</sub> <sup>1</sup> (kg/GJ)	Code	
Wind	Wind turbine	Onshore	No	0.0	01	
		Offshore	No	0.0	02	
Solar	Photovoltaic		No	0.0	03	
	Thermal		No	0.0	04	
Energy from water (excluding electricity used for pumping hydro)	Hydro power		No	0.0	05	
	Tidal energy	Onshore	No	0.0	06	
		Offshore	No	0.0	07	
	Wave energy	Onshore	No	0.0	08	
		Offshore	No	0.0	09	
Geothermal			No	0.0	10	
Biomass, using gasification and non-gasification technologies <sup>2</sup>	Energy crops		Yes	0.0	11	
	Forestry and agricultural by-products and waste		Yes	0.0	12	
	Biogas	Landfill gas	Yes	0.0	13	
		Sewage gas	Yes	0.0	14	
		Other	Yes	0.0	15	
	Energy from by-products and waste (with varying levels of filtration) <sup>3</sup>	Municipal solid waste		Yes	0.0	16
		Industrial by-products & commercial waste		Yes	0.0	17

<sup>1</sup> This reflects the IPCC statistics where available, and otherwise the Dutch table of standard CO<sub>2</sub> emission factors for energy production

<sup>2</sup> As variously defined in the Renewable Energy, Large Combustion Plants and Waste Combustion Plants Directives

<sup>3</sup> Note that RES certificates will only be issued for the estimated non-fossil proportion (i.e. excluding plastics) of Energy from By-Products and Waste

## Annex 4 – Production/Consumption Declaration

### General

This Production Declaration states the proportion of the actual equivalent electricity production that qualifies for GoO RES-E Certificates within this time period. An approved independent Production Auditor must verify sections II to IV of this Production Declaration.

### I. Owner of Production Device/Generator

1. Name of Owner/Operator	
2. Name of Registrant, if different	
3. Contact person	

### II. Production Device

1. Production Device reference number	
2. Date of last registration form	
3. The period of production	

### III. The percentage share of the total electricity produced during the associated period of production that is based on each fuel source (electricity from biomass and multiple fuel source Production Devices only)

The share of electricity from each fuel source shall be verified based on information submitted to the administrator of a Public Support scheme, or by a review of documents showing changes in stock and purchased fuels.

It is assumed that the efficiency factor is independent of fuel type. The generator is free to make a separate verification of the efficiency factor.

		Fuels in stock, at the beginning of the period	Purchased fuels during the period	Fuels in stock, at the end of the period	Consumption during the period	Average Net (lower) Calorific Value	Energy Source Factor
Period start date					$M^i$	$C^i$	$L^i$
Period end date							
Energy source	Code						
		kg					
		kg					
		kg					
		kg					
<b>Total Biomass</b>		kg					
<b>Total Non Biomass</b>		kg					

Energy Source Factor (in accordance with G2.5)

$$L^i = \frac{\sum_i M^i x C^i}{\sum_i M^i x C^i}$$

**IV. The percentage share of the total electricity produced during the associated period of production that is based on the renewable energy sources (electricity from pumped storage hydro only)**

- a. Total electricity generated this period (GWh) \_\_\_\_\_
  - b. Total electricity consumed this period (GWh) \_\_\_\_\_
  - c. Total potential energy resulting from previous period pumping (GWh) \_\_\_\_\_
  - d. Overall efficiency of pumping/generating (%) \_\_\_\_\_
- Total natural inflow derived energy (= a - b/d - c) \_\_\_\_\_ GWh

**V. Declaration of CHP Attributes (CHP Devices only)**

- a. Gross electricity production \_\_\_\_\_ MWh
- b. Electricity exported to grid \_\_\_\_\_ MWh
- c. Mechanical energy production \_\_\_\_\_ MWh thermal
- d. Total useful heat production \_\_\_\_\_ GJ
- e. Non-CHP useful heat production \_\_\_\_\_ GJ

**VI. Verification of the Production Declaration**

The undersigned Production Auditor has reviewed the Production Declaration and has no material reason to doubt the correctness of the data under II-V.

Name.....

On behalf of ..... Production Auditor

**VI. Number of Certificates**

Proportion of eligible MWh for which certificates are being applied is: \_\_\_\_\_% / \_\_\_\_\_MWh (complete as applicable). Note: energy sold under a labelling system may not qualify for GoO RES-E Certificates. Please check with the issuer or scheme authority.

**VII. Signature for the Registrant**

Name .....

On behalf of .....

Date .....

## Annex 5 – Account Application/Amendment Form

Application for account opening/amendment in Luxembourg for GoO RES-E and/or RECS Certificates.

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

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 GoO RES-E and/or RECS including the provisions and requirements the Domain Protocol for Luxembourg and the Standard Terms and Conditions of participation.

**Signed** .....

In the position of .....

**Date** .....

## Annex 6 – GoO RES-E and/or RECS Redemption Statement

This Redemption Statement acts as a receipt for the GoO RES-E and/or RECS Certificates listed below and for the purpose shown.

<b>Account Holder</b>	<Electrabel>	<b>Account Number</b>	<04X00000B1>
<b>Address of Account Holder</b>	<Regentlaan 8> <B-1000 Brussels> <Belgium>	<b>Registry Redeemed from</b>	<Country Code> <IB Code> <IB name>
<b>Total of Redeemed Certificates</b>	<60 000>	<b>Total number of MWh represented</b>	<60 000>
<b>Redemption Date</b>	<2003-09-12>	<b>Redemption category</b>	<Disclosure>
		<b>Redemption purpose</b>	<support of eco-label on behalf of customer in x Domain in year Z>

Production Device ID	Energy Source	Domain of Origin	Public Support	Additional Remarks by the Issuing Body		
70705230001000XXXX	<onshore wind>	<Norway>	<tax exemption>	<Free text>		
From Certificate ID	To Certificate ID	Certificates	MWh	Production Period from / to	Issue Date	
64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	10 000	10 000	yyyy-mm-dd - yyyy-mm-dd	yyyy-mm-dd	
64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	10 000	10 000	yyyy-mm-dd - yyyy-mm-dd	yyyy-mm-dd	
64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	10 000	10 000	yyyy-mm-dd - yyyy-mm-dd	yyyy-mm-dd	

Production Device ID	Energy Source	Domain of Origin	Public Support	Additional Remarks by the Issuing Body		
707052300012000XXXX	<biomass>	<Austria>	<none>	<Free text>		
From Certificate ID	To Certificate ID	Certificates	MWh	Production Period from / to	Issue Date	
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64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	10 000	10 000	yyyy-mm-dd - yyyy-mm-dd	yyyy-mm-dd	