

Domain Protocol

of

EECS GoO RES-E

(linked to Flemish Greenpowercertificates)

For

Flanders

Prepared by the VREG

Release 1.0

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EECS GoO RES-E/Greenpower DP for Flanders Release 1.0

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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 an EECS 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 an EECS Scheme.
- (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 **Error! Reference source not found.**

A2 Purpose

A2.1 This Domain Protocol sets out the procedures, rights and obligations for the EECS GoO RES-E Scheme together with the Flemish Governmental Greenpowercertificates Scheme as used within this Domain and further named the EECS GoO RES-E/Greenpowercertificates Scheme.

A2.2 This Domain Protocol is made binding between the Scheme Participant and the VREG by agreement in the form of the Standard Terms and Conditions. The duties under this Domain Protocol are owed specifically between the VREG and the Scheme Participant. The Scheme Participant is furthermore subject to the relevant Decrees and Decisions of the Flemish Government.

A2.3 The objective is to ensure quality in the robustness and transparency in facilitating EECS GoO RES-E/Greenpowercertificates for all Scheme Participants.

A2.4 This document also contains explanatory text to help Scheme Participants. This text is for information only and is identified by having a shaded background.

A2.5 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 EECS GoO RES-E/Greenpower Certificates held within the EECS/Greenpower Registration Database of the VREG and may only be amended or added to by the VREG in accordance with section **Error! Reference source not found.**
- B1.2 This Domain Protocol for Flanders applies to the geographic area of the Flemish Region in Belgium, in conjunction with EECS GoO RES-E/Greenpowercertificates held within the EECS/ Greenpower Registration Database.

B2 Responsibility

- B2.1 The VREG is responsible for the operation of the EECS GoO RES-E/Greenpowercertificates system for this Domain.
- B2.2 Some of the functions facilitating system operation may be contracted out to approved agents of the VREG.
- 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 EECS GoO RES-E/Greenpower Certificates for that Domain. In Flanders this function is performed by the VREG. If there are charges for accounts and transactions these will be shown on the website www.vreg.be.
- 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	the VREG being the person appointed to administer the operation of the EECS/Greenpower Registration Database for the purposes of EECS GoO RES-E/Greenpowercertificate within Flanders;
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 Flanders to exercise or discharge that function;
Scheme Participant	an Account Holder or a Registrant of a Production Device on the EECS/Greenpower Registration Database for the purposes of EECS GoO RES-E/Greenpowercertificate within Flanders;
EECS GoO RES-E/ Greenpower certificate	One certificate, issued with a flag of GoO RES-E and a flag of Greenpowercertificate (only of use in the Flanders' quota system).
OVAM	Public Flemish Waste Company

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 VREG has been appointed to act as the registration database administrator for Guarantee of Origin in Flanders.

D2 Supplementary Definitions

- D2.1 This Domain Protocol supplements the terms of the GoO RES-E Scheme as set out in the Electricity Decree (17/07/2000) and the terms of the Flemish Greenpowercertificate Scheme as set out in the Decision of the Flemish Government for the promotion of electricity production from renewable energy sources (05/03/2004).
- D2.2 An EECS GoO RES-E/Greenpower Certificate Issued under the GoO RES-E scheme and the Flemish Greenpowercertificate Scheme constitutes at the same time a GoO RES-E Certificate under the Electricity Decree (17/07/2000) and a Greenpowercertificate under the Decision of the Flemish Government for the promotion of electricity production from renewable energy sources (05/03/2004) or is derived from and incorporates the relevant electronic data from one or more GoO RES-E/Greenpower Certificates issued under the Electricity Decree (17/07/2000) and the Decision of the Flemish Government for the promotion of electricity production from renewable energy sources (05/03/2004).
- D2.3 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.
- D2.4 GoO shall have the meaning assigned to it by the Directive (2001-77-EC).

D3 Qualifying Criteria

- D3.1 The qualifying criteria for Production Devices are set out in the Directive (2001-77-EC) and are summarised here. In the event of any differences, the definitions of the Directive take precedence.
- (a) All wind turbine devices.
 - (b) All solar devices.
 - (c) Energy from water devices except for pumped storage.
 - (d) All geothermal devices.
 - (e) Biomass devices as defined in the Renewable Energy Directive, the Large Combustion Plants Directive and the Waste Combustion Plants Directive.
- 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 No support schemes are relevant to the operation of the GoO RES-E scheme in Flanders. There is however a minimum support scheme for the Greenpowercertificates in Flanders as mentioned in the Electricity Decree (17/07/2000) Art. 25ter § 1:

The minimum support is fixed dependant on the used renewable energy source and used production technology and amount to:

1° for sun energy: 450 euro by certificate transferred to the grid operator;

2° for hydro, tidal- and wave- energies and geo-thermal energy: 95 euro by certificate transferred to the grid operator ;

3° for wind energy on land and for organic-biological substances where co burning is yes or no applied, for the fermentation of organic-biological substances in land fill sites, and

for the organic-biological part of rest detritus: 80 euro by certificate transferred to the grid operator .

D5 **Certificate Face Values**

D5.1 EECS GoO RES-E/Greenpower Certificates will be issued with a Face Value of 1MWh

E **PARTICIPATION AND REGISTRATION**

E1 **Scheme Participation**

E1.1 Any legal person who is not a member of the Association of Issuing Bodies or such member's affiliate or agent can be a EECS GoO RES-E/Greenpowercertificate Scheme Participant.

E1.2 The application form to open an Account can be found in Annex 2 and on the website www.vreg.be.

E1.3 The EECS GoO RES-E/Greenpowercertificate Scheme Participant must contract with the VREG under the Standard Terms and Conditions.

E1.4 The VREG 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.

E2 **Registration of a Production Device**

E2.1 Only the owner of a Production Device, or a Registrant duly authorised by the owner, may register a Production Device, which is located in Flanders in the EECS/Greenpower Registration Database.

E2.2 The Registrant of the Production Device must provide evidence to the satisfaction of the VREG that it has the appropriate authority to register the Production Device and that it can comply with the requirements of the EECS GoO RES-E/Greenpowercertificate Scheme and this Domain Protocol with respect to the imposition of duties on the owner and/or operator of the Production Device. Such evidence being Annex 2 Registration Form

E2.3 An applicant registering a Production Device in the EECS GoO RES-E/Greenpowercertificate Scheme 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 Transferables Account into which Scheme Certificates in respect of that Production Device are to be Issued;
- (d) the location of that Production Device, its name and address;
- (e) details of the Export Meter(s) for that Production Device;
- (f) details of any generating auxiliaries associated with that Production Device;
- (g) where there are generating auxiliaries associated with that Production Device, details of Import Meter(s) which determine the totality of electricity consumption by the Production Device;
- (h) (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;

- (i) the nature of that Production Device, in terms of technology by reference to the types set out in Annex 3;
 - (j) the Nominal Capacity of that Production Device;
 - (k) where at the time of such application it has been commissioned, the date on which that Production Device was commissioned;
 - (l) 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 the VREG;
 - (m) 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.
- E2.4 The registration form containing all the items listed in **Error! Reference source not found.** above can be found in Annex 2 to this Domain Protocol.
- E2.5 The Qualifying Criteria for a Production Device within the EECS GoO RES-E/Greenpowercertificate scheme are given in **Error! Reference source not found.**
- E2.6 The Registrant must warrant that the information provided to the VREG in connection with its application is complete and accurate and that the Production Device meets the qualification criteria for EECS GoO RES-E/Greenpowercertificate.
- E2.7 The Registrant must also provide details of any payments (other than payments arising from the sale of EECS GoO RES-E 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 **Error! Reference source not found.**
- E2.8 The CMO, the VREG, will decide within 2 months after receipt of the complete application file whether or not the production installation concerned meets the conditions for granting of certificates.
- E2.9 The Registrant must have the information in the registration form verified by a Production Registrar (see **Error! Reference source not found.**) as part of the approval process.
- E2.10 Where the Production Device is already accredited to another EECS Scheme or legislative support scheme, the CMO, the VREG, may determine that part or all of the verification of this application is not required.
- E2.11 An application for the registration of a Production Device for the purposes of EECS GoO RES-E/Greenpowercertificate 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 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.
- E2.12 On successful completion of the registration process, the VREG will assign a unique identifier to each registered Production Device, if one has not already been assigned in that EECS/Greenpower 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.
- E2.13 The Registrant consents to the publication by the VREG 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 www.vreg.be 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.

E3 Changes in Registered Details

E3.1 The Registrant of a Production Device must notify the VREG 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 Registration Database in relation to the Production Device becoming inaccurate; or
- (b) the Qualification Criteria for EECS GoO RES-E/Flemish Greenpowercertificate ceasing to be satisfied with respect to that Production Device.

E3.2 On receipt of a change of details notification (following an inspection or otherwise), the VREG will evaluate the impact of the changes on the Qualifying Criteria and respond to the Registrant within 1 month specifying the decision taken.

E3.3 Where the VREG becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the Qualification Criteria, the Registration Database record for that Production Device will be updated to shown that the Production Device no longer qualifies for EECS GoO RES-E/Greenpower 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.

E4 Withdrawing from the Scheme - Closing an Account

E4.1 The Account Holder must notify the VREG of an intent to close his account by writing. The effective date of closure must not be less than 10 working days from the date of receipt by the VREG.

E4.2 The VREG will amend the Registration Database to seal that Account as of the effective date on the request or 10 working days from the date of receipt by the VREG whichever is the later.

E5 Withdrawing from the Scheme - Deregistering a Production Device

E5.1 The Registrant must notify The VREG of an intent to deregister his Production Device in writing.

F PRODUCTION DATA

F1 Metering

- F1.1 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.
- F1.2 For the avoidance of doubt, the relevant regulations are the versions of the following agreements and codes presently in force at the time: .
- (a) General Regulation on the Electric Installations
 - (b) Grid Codes

F2 Data Provision

- F2.1 If the Registrant wishes to receive EECS GoO RES-E/Greenpowercertificates for his Production Device he must submit to the VREG the registration form in Annex 2: Application for the granting of EECS GoO RES-E/greenpowercertificates
- F2.2 The Registrant is responsible for the timely delivery of accurate metering data for his Production Device. Metered electrical energy values must be provided, or verified, by a Measurement Body (see **Error! Reference source not found.**) except for small installations (see below). The data, concerning the quantity of electricity which by the production installation in question is produced from renewable energy sources, and is injected on the distribution or transmission grid, are measured and are provided to the VREG by the distribution grid operator or transmission grid operator of the grid on which the installation has been connected. When it concerns a production installation, which produces per year more than 10,000 kWh electricity from renewable energy sources, the metering data are provided on a monthly basis. When it concerns a production installation, which produces per year 10,000 kWh or less electricity from renewable energy sources and when these data are measured on the site by means of a separate meter, the data are annually provided or whenever 1,000 kWh is produced. When on the site no separate meter has been placed for recording these data, it is considered that no net quantity of electricity from renewable energy sources is injected.
- F2.3 The Registrant is subject to verification by a Production Auditor (see **Error! Reference source not found.**) on a random and periodic basis.
- F2.4 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) The VREG shall (provided that such EECS GoO RES-E/Greenpowercertificates are, at the time of such withdrawal, in the Transferables Account of that Registrant) withdraw those Certificates; and
 - (b) the Registrant shall pay the VREG the cost of securing the agreement of another Account Holder to the withdrawal of EECS GoO RES-E/Greenpowercertificates of the same type from that other Account Holder's Transferables Account,
- so that, as far as reasonably practicable, EECS GoO RES-E/Greenpowercertificates are withdrawn with a Face Value and a financial value which make good the discrepancy.
- F2.5 The VREG can determine additional rules concerning the way measurements must happen and must be communicated to the VREG
- F2.6 Details of Production Data timing, addressing and approval by the VREG are set in the Decision of the Flemish Government for the promotion of electricity production from renewable energy sources (05/03/2004).

F2.7 For production installations which produce electricity from waste products, which are or aren't processed with other energy sources, the OVAM determines the quantity of energy which qualifies for obtaining certificates. A copy of the application file or a copy of the modifications forwarded by the VREG to the OVAM for these production installations. The OVAM communicates its decision to the VREG within one month after reception of the copy of the application file or the modifications. The VREG can deviate only after agreement with the OVAM from this decision.

G PROCESSING OF CERTIFICATES

G1 Issuing for Transfer

G1.1 EECS GoO RES-E/Greenpowercertificates are only issued under this Domain Protocol:

- (a) in respect of a Production Device which is, at the time of Issue:
 - (i) situated in Flanders;
 - (ii) registered in the EECS/Greenpowercertificates Registration Database of the VREG as qualifying for EECS GoO RES-E/Greenpowercertificates; and
 - (iii) the Registrant of which does not have any outstanding fees payable to the VREG or its agents in conjunction with EECS GoO RES-E/Greenpowercertificates;
- (b) in respect of the qualifying energy output of such a Production Device during any period in which it was registered in an EECS/Greenpower for the purposes of the EECS GoO RES-E/Greenpowercertificate scheme; and
- (c) to an Account Holder who does not have any outstanding fees payable to the VREG or its agents in conjunction with EECS GoO RES-E/Greenpowercertificates.

G1.2 Subject to **Error! Reference source not found.** EECS GoO RES-E/Greenpowercertificates are issued on demand of the Registrant against energy data in accordance with **Error! Reference source not found.** and the Decision of the Flemish Government for the Promotion of Electricity Production from Renewable Energy Sources (05/03/2004).

G1.3 Only persons duly authorised by the Registrant may request the issue of EECS GoO RES-E/Greenpowercertificates in relation to the output of that Production Device.

G1.4 The CMO will check the Registration Form against the metered data provided for the Production Device for the period to which the Registration Form relates. The EECS/Greenpower Registration Database will also be checked to ensure that no more than one EECS GoO RES-E/Greenpowercertificate is issued in respect of the same qualifying energy output.

G1.5 The CMO will deposit the Certificates in the Transferables Account nominated by the Registrant within the EECS/Greenpower Registration Database no later than 20 working days after the receipt of valid monthly metered data and the Account Holder can read it on the website.

G1.6 An EECS GoO RES-E/Greenpowercertificate 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 dependant 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.

G1.7 The EECS GoO RES-E/Greenpowercertificates shall be issued in such format as may be determined by AIB from time to time.

G1.8 For each EECS GoO RES-E/Greenpowercertificate at least following data are registered:
1° the data of the owner of the EECS GoO RES-E/greenpowercertificate;
2° the registration number of the EECS GoO RES-E/greenpowercertificate;
3° the data of the production installation, among which the production location, the nominal capacity, the date of start up and the support, which was received for the production installation;
4° the production begin and end date;
5° the used renewable energy source, where for biomass the nature of the biologically degradable fraction is defined;
6° whether the EECS GoO RES-E/greenpowercertificate is acceptable or not-acceptable as intended for meeting the Flemish certificate obligation, such as in Art.13 §3 and Art.15

§1&2 of the Decision of the Flemish Government for the Promotion of Electricity Production from Renewable Energy Sources (05/03/2004)

7° if the EECS GoO RES-E/greenpowercertificate is acceptable, whether the EECS GoO RES-E/greenpowercertificate has or has not been presented within the framework of the Flemish certificate obligation (see Art.13 §4 and Art.14 of the Decision of the Flemish Government of 05/03/2004 or that it can be no longer presented, as meant in the cases incorporated in Article 23, § 2bis of the Electricity Decree.;

8° whether or not the EECS GoO RES-E/greenpowercertificate can be used as an EECS guarantee of origin RES-E. At the creation of these certificates the indication is “not yet used” unless these certificates relates to the quantity of electricity consumed on the site of the concerned production installation (see Art.13 §6&7 of the Decision of the Flemish Government of 05/03/2004; for these certificates their indication is changed by the VREG to “on the spot used”;

9° the issue date: i.e. the date when the certificate effectively has been issued.

- G1.9 The owner of EECS GoO RES-E/greenpowercertificates has the right to read in the central database with regard to the data of the EECS GoO RES-E/greenpowercertificates of which he is owner.

G2 Transfer

- G2.1 A EECS GoO RES-E/Greenpowercertificate Account Holder can hold EECS GoO RES-E/Greenpowercertificates in an account within the EECS/Greenpower Registration Database for Flanders.

On request the CMO will open an account within 10 working days. The account will be uniquely identified by a number and a name.

- G2.2 The Account Holder can get secure electronic access to the Account to make transfers of Certificates to another Account in the same EECS/Greenpower Registration Database or to another EECS/Greenpower Registration Database for EECS GoO RES-E/Greenpowercertificates in another Domain through the website www.vreg.be. [data base login via: <http://certificatenbeheer.vreg.be>]

- G2.3 Only persons duly authorised by the Account Holder may request the transfer of EECS GoO RES-E/Greenpowercertificates out of that Account Holder’s Transferables Account. Authorised persons must be identified on the account application form (see Annex 2).

- G2.4 Where a Transfer Request is received with respect to one or more Scheme Certificates held in a Transferables Account on its EECS/Greenpower Registration Database, the VREG will, having confirmed that the Transfer Request is valid [member may insert what is valid]:

- (a) remove from that Transferables Account the details of the EECS GoO RES-E/Greenpowercertificate Certificate(s) specified in the Transfer Request;
- (b) where the Transferee’s Transferables Account specified in the Transfer Request is in the same EECS/Greenpower Registration Database:
 - (i) include the full details of the EECS GoO RES-E/Greenpowercertificate Certificate(s) referred to in (a) above in the Transferee’s Transferables Account;
 - (ii) confirm in the database, to the Transferor, the identity of the EECS GoO RES-E/Greenpowercertificates so transferred and any EECS GoO RES-E/Greenpowercertificate 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 EECS GoO RES-E/Greenpowercertificates 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/Greenpower Registration Database:

- (i) notify the operator of that other EECS/Greenpower Registration Database of that Transfer Request;
- (ii) subject to **Error! Reference source not found.**, send the full details of the EECS GoO RES-E/Greenpowercertificates referred to at (a) above to the operator of that other EECS/Greenpower Registration Database;
- (iii) change on its own EECS/Greenpower Registration Database, the indication “not yet used” into “exported” of such EECS GoO RES-E/Greenpowercertificates (subject to Art.15ter of the Decision of the Flemish Government of 05/03/2004), and, where appropriate as a result of the operation of **Error! Reference source not found.**, the cancellation of their status as Scheme Certificates under any EECS Scheme;
- (iv) on receipt of confirmation from the operator of that other EECS/Greenpower Registration Database that the transfer has been completed, confirm to the Transferor the identity of the operator of that other EECS/Greenpower Registration Database and of the EECS GoO RES-E/Greenpowercertificates so transferred and of any split in connection with such transfer by reference to their unique identifying numbers and Face Values.

G2.5 Where the VREG is notified by another EECS/Greenpower Registration Database operator of a Transfer Request including details of a EECS GoO RES-E/Greenpowercertificate Certificate which are consistent with the Transfer Criteria for EECS GoO RES-E/Greenpowercertificates together with the account number for a Transferables Account on its own EECS/Greenpower Registration Database and subject to Art.15quater of the Decision of the Flemish Government of 05/03/2004, it will:

- (a) insert the full details of that EECS GoO RES-E/Greenpowercertificate Certificate in that Account Holder’s Transferables Account;
- (b) confirm to the EECS/Greenpower Registration Database operator that notified it of such Transfer Request that the transfer of that EECS GoO RES-E/Greenpowercertificate 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.
- (d) Set the indication of the Greenpowercertificate to “not-acceptable” or “acceptable” subject to Art.15quater §2 of the Decision of the Flemish Government of 05/03/2004
- (e) Set the indication of the EECS GoO RES-E to “not yet used”

G2.6 Where the VREG is notified by another EECS/Greenpower Registration Database operator of a Transfer Request involving a Scheme Certificate which does not satisfy the Transfer Criteria for such EECS GoO RES-E/Greenpowercertificates and/or receives an account number which does not correspond with an account number for a Transferables Account on its own EECS/Greenpower Registration Database, the VREG will use reasonable endeavours to exchange information such that the EECS GoO RES-E/Greenpowercertificate Certificate can be rendered compliant with the EECS GoO RES-E/Greenpowercertificate for Flanders or the correct account number identified (as the case may be), failing which:

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

G2.7 Where:

- (a) The VREG receives a Transfer Request in respect of a EECS GoO RES-E/Greenpowercertificate 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 EECS GoO RES-E/Greenpowercertificate,

the details of the EECS GoO RES-E/Greenpowercertificate Certificate referred to in **Error! Reference source not found.** will be amended to remove any identifier indicating that the certificate is a EECS GoO RES-E/Greenpowercertificate Certificate.

G2.8 The CMO will process a transfer request within the following deadlines:

- (a) A request for transferral of EECS GoO RES-E/Greenpowercertificates to an account in the same EECS/Greenpower Registration Database will be executed within 5 working days.
- (b) On a request for transferral of EECS GoO RES-E/Greenpowercertificates to an account in a different EECS/Greenpower Registration Database, the export message will be sent to the receiving CMO within 5 working days.
- (c) On receiving an export message, the CMO will execute that message within 5 working days.
- (d) A request for transferral of EECS GoO RES-E/Greenpowercertificates to an account in a Registration Database that is outside the EECS network will be executed within 5 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.~~

G2.9 The Account Holder is required to retain all records to which he has had access relating to EECS GoO RES-E/Greenpowercertificates for a period not less than 10 years.[or such longer period as required by national legislation].

G3 **Redemption of the EECS GoO RES-E**

G3.1 Redemption of the EECS GoO RES-E part of the EECS GoO RES-E/Greenpowercertificate is the change of the EECS GoO RES-E indication from "not yet used" to "used" and is the point at which it ceases to be tradable as an EECS GoO RES-E but might remain tradable in the Flemish Greenpowercertificate subject to Art. 13 to 15 of the Decision of the Flemish Government of 05/03/2004.

G3.2 Only persons duly authorised by the Account Holder may change the indication of EECS GoO RES-E/Greenpowercertificates in that Account Holder's Transferables Account. Each supplier modifies monthly the indication of "not yet used" in "used", at the number of EECS GoO RES-E/Greenpowercertificates that comply to the quantity of electricity, produced from renewable energy sources which he has sold during the previous month to end consumers in the Flemish region. The VREG can determine additional procedures concerning the manner how a supplier can modify on EECS GoO RES-E/Greenpowercertificates of which he is owner, the indication "not yet used" in "used". The month and the year are also registered in which these corresponding quantities of electricity were sold.

G3.3 The VREG checks monthly, on the basis of the data, see Section H1, whether or not a supplier has mentioned for the correct number of EECS GoO RES-E/Greenpowercertificates that these were used as an EECS GoO RES-E. If the supplier has modified on too many greenpowercertificates the indication "not yet used" in "used" the surplus is transferred to the next month. If the supplier has modified on insufficient EECS GoO RES-E/Greenpowercertificates the indication "used" the VREG informs the concerned supplier of this. The supplier modifies within 10 working days after this report on the missing number of greenpowercertificates the indication into "used".

G3.4 EECS GoO RES-E/Greenpowercertificates can be used only as guarantee of origin up to five years after granting them. If an EECS GoO RES-E/Greenpowercertificate was not yet used within this period as a guarantee of origin the EECS GoO RES-E indication is modified on this certificate by the VREG from "not yet used" in "expired".

G3.5 The VREG will not issue redemption statement but Account Holders can consult the redeemed certificates on the database via the website

G4 Splitting

- G4.1 An EECS GoO RES-E/Greenpowercertificate 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 EECS GoO RES-E/Greenpowercertificates identical with that EECS GoO RES-E/Greenpowercertificate Certificate in every respect save as to their denominations in MWh and any unique identification numbers. The aggregated Face Values of the replacement EECS GoO RES-E/Greenpowercertificates will be the same as the Face Value of the original EECS GoO RES-E/Greenpowercertificate Certificate.
- G4.2 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.

G5 Withdrawals

- G5.1 The VREG may withdraw an EECS GoO RES-E/Greenpowercertificate Certificate held in a Transferables Account on its EECS/Greenpower Registration Database at the request of the Account Holder of that Account, or otherwise in accordance with the provisions of the EECS GoO RES-E/Greenpowercertificate scheme, thereby cancelling it.

G6 Errors

- G6.1 Where an error is introduced (subsequent to its Issue) into, or with respect to, a EECS GoO RES-E/Greenpowercertificate Certificate held in the Account Holder's Transferables Account in the EECS/Greenpower Registration Database:
- (a) in the course of its Transfer into that Account; or
 - (b) during such time as it is in such Account,
- The VREG will correct the error in or with respect to that EECS GoO RES-E/Greenpowercertificate Certificate and any errors replicated in EECS GoO RES-E/Greenpowercertificates split from it, provided that such EECS GoO RES-E/Greenpowercertificate Certificate(s) have not been transferred out of that Transferables Account.
- G6.2 The VREG may withdraw or alter a EECS GoO RES-E/Greenpowercertificate Certificate held in its EECS/Greenpower Registration Database to give effect to an agreement reached with the Account Holder under provisions of the Standard Terms and Conditions.
- G6.3 The VREG may alter a EECS GoO RES-E/Greenpowercertificate Certificate held in its EECS/Greenpower 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 GoO RES-E/Greenpowercertificate 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.

H MONITORING AND REPORTING

H1 Monitoring

- H1.1 The Registrant, on behalf of the owner and operator, of a Production Device must permit the VREG, 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 **Error! Reference source not found.**, including, if so required, without prior notice. Refusal to permit such access may be considered a breach of the Standard Terms and Conditions.
- H1.2 The VREG, or its agent, will periodically conduct inspections of a Production Device registered on its EECS/Greenpower Registration Database and any associated Import and Export Meters to confirm that:
- (a) the information recorded in relation thereto on the EECS/Greenpower 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/Greenpower Scheme; and
 - (c) such Production Device continues to meet the Qualification Criteria for the EECS/Greenpower Scheme in relation to which it is registered.
- H1.3 The period between inspections of a Production Device under **Error! Reference source not found.** will not exceed 5 years except for Photo Voltaic installations. The VREG 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 **Error! Reference source not found.** See also **Error! Reference source not found.**
- H1.4 The VREG, or its agent, may conduct ad-hoc inspections of records associated with relevant Public Support in relation to Production Devices registered on its EECS/Greenpower Registration Database for the purposes of EECS/Greenpower Scheme.

H2 Activity Reporting

- H2.1 In order to maintain an open and orderly market, the VREG has a duty to publish information in relation to the activities of that market.
- H2.2 Each Production Auditor will report to the VREG every 6 months specifying the auditing measures it has carried out in the preceding 6 months.
- H2.3 The VREG will publish monthly an activity report on the number of EECS GoO RES-E/Greenpower certificates which, within the preceding month:
- (a) it has Issued, split up by renewable energy source;
 - (b) (where relevant) have been transferred within its EECS/Greenpower Registration Database from Accounts associated with one Domain to Accounts associated with another Domain held on the same EECS/Greenpower Registration Database;
 - (c) have been transferred into its EECS/Greenpower Registration Database from EECS/Greenpower Registration Databases of other EECS Scheme registry operators;
 - (d) have been transferred from its EECS/Greenpower Registration Database to EECS/Greenpower Registration Databases of other EECS Scheme registry operators;
 - (e) can or cannot be used as a guarantee of origin.
- H2.4 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/Greenpower Registration Databases.

H2.5 The annual report referred to **Error! Reference source not found.** shall specify any institutional, structural, and legal impediments to the efficient functioning of the EECS GoO RES-E/Greenpowercertificate scheme within Flanders.

H3 **Exception Reporting**

H3.1 Where as a consequence of an inspection conducted pursuant to **Error! Reference source not found.**, the VREG 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/Greenpower Scheme in relation to which it is registered, the VREG will:

- (a) take such action as is necessary to secure that EECS GoO RES-E/Greenpowercertificates 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/Greenpower Scheme; and
- (b) notify the AIB of such breach where the VREG is of the reasonable opinion that such breach could affect the transfer of EECS/Greenpower Certificates out of its EECS/Greenpower Registration Database into another EECS/Greenpower Registration Database.

H3.2 The VREG 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 the VREG is aware and which, in its reasonable opinion, amounts to a breach of Competition Law, or applicable law governing the conduct of financial markets.

H3.3 The VREG will also notify the AIB of any report made by it under **Error! Reference source not found.** 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.

I AGENTS AND MEASUREMENT BODIES

I1 Production Auditor

- I1.1 The role of the Production Auditor is to verify Registration Forms 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.
- I1.2 The Production Auditor is an agent of the VREG. The full list of approved Production Auditors is given in Annex 1 to this document and on the website www.vreg.be.
- I1.3 To be a Production Auditor, the company must gain approval from the VREG. The operation of the Production Auditor is under the control of the VREG and the Association of Issuing Bodies.
- I1.4 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.
- I1.5 The Production Auditor will receive information about the issued EECS GoO RES-E/Greenpowercertificates from the VREG 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.
- I1.6 The Production Auditor will report any discrepancies from the registered information to the VREG as soon as possible.
- I1.7 A Production Auditor may also perform the role of Production Registrar.

I2 Production Registrar

- I2.1 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. The VREG must verify the application, but can delegate the activity to a Production Registrar as his agent.
- I2.2 The full list of authorised Production Registrars can be consulted on the website www.vreg.be.
- I2.3 Each Production Registrar determines the structure of charges to the applicant for this service and verification timings.
- I2.4 The Registrant, on behalf of the owner and operator, of a Production Device must permit the VREG, 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 **Error! Reference source not found.** above.
- I2.5 A Production Registrar may also perform the role of Production Auditor.

I3 Measurement Body

- I3.1 A Measurement Body is an organisation responsible for the collection of metering data relating to the output of the Production Device.
- I3.2 The full list of Measurement Bodies, approved to provide data for EECS GoO RES-E/Greenpowercertificate in Flanders is given in Annex 1 to this document and on the website www.vreg.be.

J MODIFICATIONS

J1 Modifications to this Domain Protocol

- J1.1 The Scheme Participant may propose a modification to this Domain Protocol;
- J1.2 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 the VREG.
- J1.3 On receipt of such a request, the VREG 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 EECS GoO RES-E/Greenpowercertificate Scheme Participants within Flanders;
 - (c) Decide whether the request and its consequences are in its opinion reasonable;
 - (d) Inform the EECS GoO RES-E/Greenpowercertificate Scheme Participants within Flanders the outcome of this decision.
- J1.4 The VREG may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.
- J1.5 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.
- J1.6 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.vreg.be.

K ASSOCIATION OF ISSUING BODIES

K1 Membership

- K1.1 The VREG 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 EECS GoO RES-E/Greenpowercertificates.
- K1.2 In order to maintain the quality standard across the entire EECS network, all AIB members are subject to audit and periodic peer review.
- K1.3 In the event of the VREG or one of its agents failing to maintain the quality standard, there may be a suspension of EECS GoO RES-E Certificate issuing and/or international transfers into or out of Flanders.
- K1.4 Should the VREG decide to withdraw from AIB membership in respect of EECS GoO RES-E/Greenpowercertificate in Flanders, it will give notice in writing to the Scheme Participant in accordance with the Standard Terms and Conditions.

Annex 1 – Contacts List

Central Monitoring Office

Company	VREG Vlaamse Reguleringsinstantie voor de Elektriciteits- en Gasmarkt
Contact Person	Thierry Van Craenenbroeck
Address	North Plaza B, Koning Albert II- laan 7 B-1210 Brussel
Country	Belgium
Phone number	+32 2 553.13.59
Email address	Thierry.vanraenenbroeck@vreg.be

Certificate Authority (if different from the CMO)

Company	
Contact Person	
Address	
Country	
Phone number	
Email address	

Production Registrars

Company	See website: http://www.vreg.be/vreg/sector/groenkeur.htm
Contact Person	
Address	
Country	
Phone number	
Email address	

Production Auditors

Company	See website: http://www.vreg.be/vreg/sector/groenkeur.htm
Contact Person	
Address	
Country	
Phone number	
Email address	

Measurement Bodies

Company	Grid operators
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Contact Person	
Address	
Country	
Phone number	
Email address	

Annex 2 – Registration Form

Application for the granting of EECS GoO RES-E/greenpowercertificates



VREG (Flemish control agency for electricity- and Gas market)

North Plaza B, 2nd floor

King Albert II-laan 7 | 1210 BRUSSELS

Phone 02, 553 13 53 - fax 02, 553 13 50

E-mail: info@vreg.be

In how many copies the application file must be submitted?

The application file is submitted in two copies, namely an original copy and a copy. If a waste product is applied as a fuel source, the application file in three copies is submitted (one original copy and two copies). If the application file contains documents in color, a color copy must be submitted as a copy of these documents.

Which parts have contain the application file?

The application file must exist from the following documents:

- ◇ *Application form for the granting of EECS GoO RES-E/greenpowercertificates*
- ◇ *information form waste products intended for the OVAM (in case of electricity production from waste products)*
- ◇ *auditing report (in case the installation produces more than 100,000 kWh electricity per year which qualifies for the granting of EECS GoO RES-E/greenpowercertificates)*
- ◇ *Appendices to the application form for the granting of EECS GoO RES-E/Greenpower certificates*

What has be done if there is too little place to answer?

If there is too little place foreseen for an answer, the answer must be joined as an appendix to the application file. At the provided place the identification of the concerning appendix must be mentioned (for example: Appendix: 1. if the concerning answer can be find as appendix 1).

What happens if the application file is not complete?

If the application file does not contain all necessary pieces, the VREG declares the file incomplete. The applicant of EECS GoO RES-E/greenpowercertificates is informed of this in writing. The VREG will mention the period within which the application must be completed.

When does the first granting of greenpowercertificates take place?

The first granting of EECS GoO RES-E/greenpowercertificates happens on the basis of electricity which is produced as from the first day of the month in which the application file is approved.

5. **Which government support or other support was obtained for the production installation or is requested on this moment?** *Joint a detailed overview of this as an appendix.*

Type of support (nationally, international, raised supply compensations, capital support, tax advantages,...):

Amount of the financial support: _____

Appendix: _____

Section 3. Identification of the used renewable energy source

6. **Give an enumeration of the used renewable energy sources.**

7. In case the renewable energy source is biomass: Is all in the production installation processed biomass originating from Belgium?

Yes.

No: **Enumeration of all places of from which biomass is imported in Belgium:**

Place of origin (address)	Means of transport	By the means of transport used fuel
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. **In case of electricity production from the organic-biological part of rest detritus: with regard to energy content of the processed waste products, give the primary energy saving of the installation** *(calculation to clarify in appendix)*

Section 4. Technical data of the production installation

9. Data concerning the capacity and the energy efficiency of the production installation:

Nominal capacity of the production installation _____

Energetic output of the production installation _____

Normal net year production *(to justify in appendix)* _____

energy consumption of utilities belonging to the production installation (to justify in appendix)

energy consumption of utilities necessary to make the used renewable energy source suitable for electricity production (to justify in appendix)

10. Does electricity production happen on the basis of co-combustion with fossil fuels?

No.

Yes

s: Fossil fuel (s):

Why are fossil fuels used?

Only at start up of the installation

Consumption in terms of percentage of fossil fuels with regard to the total energy consumption for electricity production:

Only at start up and stopping the installation

Consumption in terms of percentage of fossil fuels with regard to the total energy consumption for electricity production:

At normal functioning regime

Electrical power originating from fossil fuels:

11. For which applications is the electricity produced in the installation applied?

Injection on the public grid.

In terms of percentage of electricity produced with regard to total quantity:

electricity consumption on the site.

In terms of percentage of electricity produced with regard to total quantity:

electricity consumption of utilities belonging to the production installation.

In terms of percentage of electricity produced with regard to total quantity:

electricity consumption of utilities to make the renewable energy source suitable for electricity production.

In terms of percentage of electricity produced with regard to total quantity:

12. Who does the meter reading (s) of the produced electricity that qualifies for EECS GoO RES-E/greenpowercertificates?

Section 5. Declaration on word of honour

13. In name of the applicant of the EECS GoO RES-E/greenpowercertificates I declare:

- that all information which is supplied on this application form and all pieces which are added as an appendix correctly, exactly and complete is;

- that I am authorized to sign this declaration on word of honour in name of the applicant;
- that I will communicate immediately to the VREG:
 - all modifications which can cause that no longer is satisfied to the conditions for the granting of EECS GoO RES-E/greenpowercertificates;
 - all modifications which can have an influence on the number of granted EECS GoO RES-E/greenpowercertificates;
 - every modification concerning the natural person or the legal person to whom the EECS GoO RES-E/greenpowercertificates must be granted.

date *day* *month* *year*

signature of the applicant of the
EECS GoO RES-
E/greenpowercertificates or his
representative

name of the undersigned

function of the undersigned

.....

.....

.....

PART 2. INFORMATION FORM: WASTE PRODUCTS

This information form has been intended for a production installation which uses one or more waste products as a fuel source, yes or not together with other fuel sources.

For each waste stream (debris originating from the same production process), one information form must be filled in.

This information form has been intended for the OVAM. For more information on this information form contact the OVAM:

Nico Vanaken
Expert OVAM - organic waste products
Phone 015/284.327
Fax 015/284.308
E-mail: nvanaken@ovam.be

This information form does not have to be filled in in the case of *the use of rest debris as a fuel source*.

Section 1. Data concerning the waste product

1. Give the usual denomination of the waste product, AKO-code and EURAL-code (European waste product list).

denomination of the waste product _____

AKO-code _____

EURAL-code _____

2. Origin of the waste product
Indicate which producer (s) has/have caused the waste product.

Appendix: _____

3. Composition
Give the following data as an appendix:

- the percentage of moisture of the waste product before the first treatment;
- the analysis of the waste product after all pre- processings which are necessary to make the waste product suitable for electricity production
Parameters: heavy metal, EOX, Cl, F, S, N, percentage of moisture

Appendix: _____

4. Give the caloric content of the treated waste product [MJ/kg] (indicate percentage of moisture).

caloric contents [MJ/kg] _____

percentage of moisture , %

5. Give the morphology and the piece size of the treated waste product.

Appendix: _____

6. The estimated quantity of handled waste product [ton/year].

quantity of waste product [ton/year] _____ Appendix: _____

Section 2. Data concerning the processing of the waste product

7. What is the current processing manner of the waste product?

_____ Appendix: _____

Give the process diagram of the successive pre processings of the waste product until the moment of delivery to the production installation for electricity.

Appendix: _____

8. Applied preprocessing techniques since the origin of the waste product

Give the following data per applied preprocessing technique as an appendix:

- the place of preprocessing (address);
- the used energy source (electricity, petroleum products, natural gas,...);
- the energy consumption by ton detritus treated [kWh/ton]

Appendix: _____

Section 3. Declaration on word of honour

Explained for true and real

date day month year

signature of the applicant of the
EECS GoO RES-
E/greenpowercertificates or his
representative

name of the undersigned _____

function of the undersigned _____

PART 3. AUDIT REPORT

At installations which produce more than 100,000 kWh electricity per year which qualifies for the granting of EECS GoO RES-E/greenpowercertificates, an acknowledged auditing body must inspect the installation and meters (at the expense of the applicant).

The audit report must have been made by an acknowledged organism for the conformity research or the control of the electric installations such as in Article 275 of the General Regulation on the Electric Installations.

The audit report must contain following elements:

- ◇ The confirmation that electricity is produced from one of the following renewable sources:
 - Energy from the sun;
 - wind energy
 - hydropower
 - tidal energy
 - wave energy
 - geothermal energy
 - Biogas
 - landfill gas
 - gas from sewage
 - Biomass (biomass is the biologically degradable fraction of products, waste products and residues of agriculture (including vegetable and animal substances), silviculture and related company branches, as well as the biological fraction of industrial and domestic detritus)

or that electricity was produced with these renewable energy sources in hybrid installations which work also with conventional energy sources, including renewable electricity for accumulation systems and with exception of electricity which comes from such systems.

- ◇ The confirmation that the measurement of produced electricity complies with the national and international standards and regulations.
- ◇ The confirmation that for all other measurements a valid calibrating certificate can be presented, distributed by a competent agency.
- ◇ The confirmation that the used calculation methods produce in a correct manner the net produced electricity before transformation on the basis of the meter readings.
 - A single wire diagram is required with the position of the generator (s), kWh-meter (s), grid transfo's and branch (es) for utilities.
 - The auditing agency must stipulate in its report the exactitude of all meters which are used to define the number of EECS GoO RES-E/greenpowercertificates.

PART 4. APPENDICES

Part 4 of the application file must at least contain following documents for illustration of the answers in the application form:

1. Technical description of the installation
2. Calculation of normal net year production (*minimum 1 page, maximum 5 pages. If this is an application for an existing installation, the year production is confirmed by means of production data of previous years and payments of supplies to the grid. For a new installation a reference is made to similar installations and a founded estimate is given of the year production.*)
3. In case of electricity production from biogas: description of the process to obtain the biogas
4. In case of electricity production from biomass: describe all steps of preprocessing to make the biomass suitable for electricity production
5. Justification of the energy consumption of utilities belonging to the production installation:
 - ◇ Enumeration of all utilities, their energy source and their energy consumption
 - ◇ Indication whether or not this consumption can be measured
 - ◇ If this consumption cannot be measured: give an argued estimate of this consumption
6. Justification of the energy consumption of utilities necessary to make the used renewable energy source suitable for electricity production:
 - ◇ Enumeration of all utilities for the preprocessing of the renewable energy source and their energy consumption (+ mention which energy sources are used for preprocessing)
 - ◇ Indication whether or not this consumption can be measured
 - ◇ If this consumption cannot be measured: give an argued estimate of this consumption
7. Proposal for the calculation manner of the monthly number of granted EECS GoO RES-E/greenpowercertificates, with indication of the meters which will be read for this:
8. A single wire diagram showing all metering installations in the circuit with indication of the type of meters and their exactitude. Please show clearly on the diagram the mutual positions of generator (s), meter (s), transformer (s) and branch (s) for the utilities consumption.

If the electricity meter stands after the transformer to grid voltage, the transformer losses must stipulated or estimated. Subject to founded argumentation, the VREG estimates these transformer losses amount to 1%.

9. Details of the governmental support which was obtained for this production installation.

Annex 3 – Energy Source Types and Technology Types

Source	Technology	Type	Code
Wind	Wind turbine	Onshore	01
		Offshore	02
Solar	Photovoltaic		03
	Thermal		04
Energy from water	Hydro power		05
	Tidal energy	Onshore	06
		Offshore	07
	Wave energy	Onshore	08
		Offshore	09
Geothermal			10
Biomass, using gasification and non-gasification technologies	Energy crops		11
	Forestry and agricultural by-products and waste		12
	Biogas	Landfill gas	13
		Sewage gas	14
		Other	15
	Energy from by-products and waste (with varying levels of filtration)	Municipal solid waste	16
		Industrial by-products and commercial waste	17

~~Annex 4 – Production/Consumption Declaration~~

~~Annex 5 – Account Application/Amendment Form~~

~~Annex 6 – Redemption Statem~~