

**EECS RECS**  
**Domain Protocol**

**for**  
**ITALY**

**Prepared by Gestore dei Servizi Elettrici – GSE S.p.A**

**Version 3.0**

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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 a EECS RECS Certificate encompasses three phases: issuance, transfer and redemption:

- (a) Electronic Certificates are issued on the registries in respect to the electricity produced by Production Devices registered specifically for the purposes of EECS RECS.
- (b) These certificates may be transferred from an account to another one; either within the country of origin or to other domains 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. The circumstance in which the redemption may occur is the payment made by a consumer in recognition of the electricity qualities the certificate represents.

A1.4 Together with the Italian Standard Terms and Conditions, this Domain Protocol establishes the EECS RECS Scheme for the Domain defined in B1.2 below.

## A2 Purpose

A2.1 This Domain Protocol sets out the procedures, rights and obligations for EECS RECS as used within this Domain.

A2.2 This Domain Protocol is made binding between the Scheme Participants and GSE by the agreement in the form of Standard Terms and Conditions. The duties under this Domain Protocol are owed specifically between GSE and the Scheme Participants.

A2.3 The objective is to ensure quality in the robustness and transparency in facilitating EECS RECS 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 RECS Certificates held within the EECS Registration Database of GSE and may only be amended or added to by GSE in accordance with section I below.

B1.2 This Domain Protocol applies to Italy.

### **B2 Responsibility**

B2.1 GSE is responsible for the operation of the EECS RECS system for this Domain.

B2.2 Some of the functions facilitating system operation may be contracted out to approved agents or legally appointed agents of GSE.

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 RECS Certificates for that Domain. In Italy this function is performed by GSE. The charges for accounts and transactions are shown on the website [www.gsel.it](http://www.gsel.it).

B2.4 The CMO is responsible for 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 indicated 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	GSE being the body administering the operation of the EECS Registration Database for the purposes of EECS RECS within Italy;
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 Italy 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 EECS RECS within Italy;
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) minus the demand of any generating auxiliaries and minus losses in the main generator transformers on the site of the Production Device.
UTF	The Italian Fiscal Office is an Authorised Body responsible for the validation of the production data

## **D RENEWABLE ENERGY CERTIFICATE SYSTEM (RECS)**

### **D1 Scheme Definition**

D1.1 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.

### **D2 Supplementary Definitions for RECS**

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.

### **D3 Qualifying Criteria**

D3.1 The criteria for Production Devices to qualify for registration for the purposes of EECS RECS are:

- (a) that the Production Device is capable of generating RES-E; and
- (b) that the owner of Production Device will not during the period of its registration for the purposes of RECS and for the same unit of electrical energy receive tradable evidence such as Certificates which represent the benefit of renewable electricity generation from both RECS and another similar system that similarly certifies the origin or represents the benefits of the associated renewable electricity and can be exchanged for financial support. In particular the Owner of production device commits itself to not ask for the same electricity both RECS certificates and the Italian green certificates provided by legislative decree 79/99.

D3.2 Qualifying energy must be RES-E.

D3.3 The registration of a Production Device shall expire after five years. The Registrant is obliged to re-apply for registration for the Production Device before expiry.

D3.4 To ensure maintenance of the Qualifying Criteria, a Production Audit will be conducted in relation to each Production Device in Italy and which is Registered for the purposes of RECS:

- (a) no less than once every five years; and
- (b) where such Production Device is fuelled in whole or in part by biomass, no less than once a year.

### **D4 Support Schemes**

D4.1 Support schemes that are relevant to the operation of the EECS RECS scheme are listed in AIB PRO Fact Sheet 3 – Types of Public Support. This document can be viewed at [www.aib-net.org](http://www.aib-net.org) under the section: Association – Documents – Regulation – PRO.

D4.2 The Registrant of a Production Device must guarantee that the owner of the Production Device, or his agent, will not during the period of its registration for the purposes of RECS and for the same unit of electrical energy, receive tradable evidence such as Certificates which represent the benefit of RES-E generation from both RECS and another similar system that similarly certifies the origin or represents the benefits of the associated renewable electricity and can be exchanged for financial support.

- D4.3 The Registrant of a Production Device must notify GSE whether, and if so what type of Public Support has been, or is due to be, received by the Production Device.
- D4.4 The Registrant of a Production Device must provide details of any prior infringements by itself or any affiliate of the terms of any Domain Scheme with respect to EECS RECS to GSE on application for registration.

**D5 Certificate Face Values**

- D5.1 RECS Certificates can be Issued with the Face Value of 1MWh.

**D6 Issuing of RECS Certificates**

- D6.1 This section is supplemental to the provisions of section G below.
- D6.2 Where a Production Device only produces RES-E, the amount of RES-E determined for the purposes of RECS as having been produced by a Production Device shall be the amount of Net Electrical Energy Generation produced by that Production Device.
- D6.3 Where a Production Device produces RES-E and electricity which is not RES-E, the amount of RES-E determined for the purposes of RECS as having been produced by a Production Device shall be the amount of Net Electrical Energy Generation produced by that Production Device multiplied by the Renewable Source Factor.
- D6.4 EECS RECS Certificates can be issued in respect of output up to the entirety of the RES-E output of a Production Device in any period.
- D6.5 Irrespective of the actual date on which a EECS RECS Certificate is issued, the date of issue of a EECS RECS Certificate is the last day on which the energy output to which the EECS RECS Certificate relates was generated.
- D6.6 A EECS RECS Certificate must indicate:
- (a) whether Public Support is associated with the Originating Production Device; and
  - (b) the nominated capacity (in kW) of the Originating Production Device.

## **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 RECS Scheme Participant.
- E1.2 The application form to open an Account can be found on the website [www.gsel.it](http://www.gsel.it).
- E1.3 The RECS Scheme Participant must contract with GSE under Italian Standard Terms and Conditions.
- E1.4 GSE 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 Italy in the EECS RECS Registration Database.
- E2.2 The Registrant of the Production Device must provide evidence to the satisfaction of GSE that it has the appropriate authority to register the Production Device and that it can comply with the requirements of the EECS RECS 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 a power of attorney or other documentation proving authority.
- E2.3 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 location of that Production Device, its name and address;
  - (d) details of the Export Meter(s) for that Production Device;
  - (e) details of any generating auxiliaries associated with that Production Device;
  - (f) 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;
  - (g) (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;
  - (h) the nature of that Production Device, in terms of technology by reference to the types set out in Annex 3;
  - (i) the Nominal Capacity of that Production Device;
  - (j) where at the time of such application it has been commissioned, the date on which that Production Device was commissioned;
- E2.4 The registration form containing all the items listed in E2.3 above can be found in Annex 2 to this Domain Protocol.
- E2.5 The Qualifying Criteria for a Production Device within the EECS RECS scheme are given in D3 above.
- E2.6 The Registrant must warrant that the information provided to GSE in connection with its application is complete and accurate and that the Production Device meets the qualification criteria for RECS.
- E2.7 The Registrant must also provide details of any payments (other than payments arising from the sale of EECS 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 D.4.1 above.

- E2.8 The CMO, GSE will respond to the application within 5 working days from its receipt.
- E2.9 The Registrant must have the information in the registration form verified by a Production Registrar (see I 2.1 below ) as part of the approval process.
- E2.10 Where the Production Device is already accredited to another EECS Scheme or legislative support scheme, GSE, 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 RECS 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 Italian 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, GSE will assign a unique identifier to each registered Production Device.
- 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 GSE of aggregated 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.gsel.it** 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 GSE 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 RECS Registration Database in relation to the Production Device becoming inaccurate; or
  - (b) the Qualification Criteria for EECS RECS 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), GSE will evaluate the impact of the changes on the Qualifying Criteria and respond to the Registrant within 5 working days.
- E3.3 Where GSE becomes aware that a Production Device no longer fulfils, or will no longer fulfil, the Qualification Criteria, the EECS RECS Registration Database record for that Production Device will be updated to shown that the Production Device no longer qualifies for EECS 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.

**E4            **Withdrawing from the Scheme - Closing an Account****

- E4.1        The Account Holder must notify GSE any intention of closing his account using the form shown in Annex 5. The effective date of closure must be the last day of the current month and must not be less than one (1) working day from the date of receipt by GSE.
- E4.2        GSE will amend the EECS RECS Registration Database to seal that Account as of the effective date on the request or as of the last day of the month after receipt by GSE, whichever is the later.
- E4.3        Participants shall not be entitled to refund as a result of closing an Account.

**E5            **Withdrawing from the Scheme - Deregistering a Production Device****

- E5.1        The Registrant must notify GSE any intention of deregistering his Production Device in writing. The effective date of deregistration must be the first day of the month following the date of the request.
- E5.2        GSE will amend the EECS Registration Database to deregister that Production Device as of the effective date on the request or as of the last day of the month after receipt by GSE, whichever is the later.
- E5.3        Registrants shall not be entitled to refunds as a result of deregistering a Production Device.

## 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 has to measure according to the technical regulations.
- F1.2 For the avoidance of doubt, it is advised that the Registrant contacts his Production Registrar for information on the relevant regulations in force at the time.

### F2 Data Provision

- F2.1 If the Registrant wishes to receive EECS RECS Certificates for his Production Device in an issuing period, he must submit a Production Declaration, containing the metering data for that period, to GSE.

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

- F2.2 The Registrant is not responsible for the timely delivery of accurate metering data for his Production Device. The UTF is responsible.
- F2.3 Production Declarations are subject to verification by the Production Auditor (see I 1 below) on a random and periodic basis.
- F2.4 All the metered production data of the Production Device registered in the CMO data base are communicated to GSE, on yearly basis, even if no request of issuing of EECS RECS certificates has been submitted.
- F2.5 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):
- GSE shall (provided that such EECS RECS Certificates are, at the time of such Withdrawal, in the Transferables Account of that Registrant) Withdraw those Certificates; and
  - the Registrant shall pay GSE the cost of securing the agreement of another Account Holder to the Withdrawal of EECS RECS Certificates of the same type from that other Account Holder's Transferables Account,

so that, as far as reasonably practicable, EECS RECS Certificates are withdrawn with a Face Value and a financial value which make good the discrepancy.

- F2.6 A person submitting a Production Declaration (See Annex 4) in accordance with F.2.1 above shall be obliged to specify therein:
- the values of  $M^i$  and  $C^i$  for each fuel type 'i'; and
  - as the Energy Source Factor for that period, a factor no greater than L,

Where:

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

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.

## **G PROCESSING OF CERTIFICATES**

### **G1 Issuing for Transfer**

G1.1 EECS 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 Italy;
  - (ii) registered in the EECS RECS Registration Database of GSE as qualifying for EECS RECS Certificates; and
  - (iii) the Registrant of which does not have any outstanding fees payable to GSE or its agents in conjunction with EECS RECS Certificates;
  - (iv) is not receiving Italian green certificates according to legislative decree 79/99 and selling them on the market or through bilateral contracts.
- (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 RECS scheme; and
- (c) to an Account Holder who does not have any outstanding fees payable to GSE or its agents in conjunction with Certificates.

G1.2 Subject to G.1.1 above, EECS RECS Certificates are issued on demand of the Registrant against energy data in accordance with section F2.2 above and metered during period of production, if nothing else is agreed between the Issuer and the Registrant.

G1.3 Only persons duly authorised by the Registrant may request the issue of EECS RECS Certificates in relation to the output of that Production Device.

G1.4 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 EECS RECS Certificate is issued in respect of the same qualifying energy output.

G1.5 The CMO will deposit the Certificates in the Registrant Transferable Account within the EECS RECS Registration Database no later than 5 working day after the receipt of a valid Production Declaration at the end of every production period.

G1.6 The EECS RECS Certificates shall be issued in such format as may be determined by AIB from time to time.

G1.7 A EECS 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 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.

### **G2 Transfer**

G2.1 A EECS RECS Account Holder can hold EECS RECS Certificates in an account within the EECS Registration Database for Italy.

On request the CMO will open an account within 5 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 RECS Registration Database or to another EECS Registration Database for EECS RECS Certificates in another Domain through the website <http://recs.gsel.it/home/home.aspx>.

G2.3 Only persons duly authorised by the Account Holder may request the transfer of EECS RECS Certificates out of that Account Holder's Transferables Account. Authorised persons must be notified to GSE.

G2.4 Where a Transfer Request is received with respect to one EECS RECS Certificates held in a Transferables Account on its EECS Registration Database, GSE, if valid, will confirm the Transfer Request. When GSE confirm the transfer, the computer system automatically removes the relevant certificates from the Transferor's Transferables Account and inserts them into the Transferee's Transferables Account simultaneously.

The account holder in the Transfer Request include the full details of the EECS RECS Certificate(s) referred to in the Transferee's Transferables Account.

After the transfer validation, GSE:

- a) confirm, to the Transferor, the identity of the EECS RECS Certificates so transferred and any EECS RECS Certificate split in connection with such transfer by reference to their unique identifying number(s) and Face Values; and
- b) confirm, to the Transferee, the identity of the Transferor and of the EECS RECS Certificates so transferred by reference to their unique identifying number and Face Values.

Where the Transferee's Transferables Account specified in the Transfer Request is on a different EECS Registration Database, GSE:

- a) notify the operator of that other EECS Registration Database of that Transfer Request;
- b) subject to G2.7 below, send the full details of the EECS RECS Certificates referred to at (a) above to the operator of that other EECS Registration Database;
- c) record on its own EECS Registration Database, the export of such EECS RECS Certificates, and, where appropriate as a result of the operation of G2.7, the cancellation of their status as Scheme Certificates under any EECS Scheme;
- d) 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 EECS RECS Certificates so transferred.

G2.5 Where GSE is notified by another EECS Registration Database operator of a Transfer Request including details of an EECS RECS Certificate which are consistent with the Transfer Criteria for EECS 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 EECS 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 EECS 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.

G2.6 Where GSE 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 EECS 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, GSE will use reasonable endeavours to exchange information such that the EECS RECS Certificate can be rendered compliant with the EECS RECS for Italy or the correct account number identified (as the case may be), failing which:

- a) the full details of the EECS 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 EECS RECS Certificate is no longer recorded as having been exported; and

- b) all details of the EECS RECS Certificate shall be removed from the other EECS Registration Database.

G2.7 Where GSE receives a Transfer Request in respect of an EECS Certificate which is a Scheme Certificate under more than one EECS Scheme, the details of the Certificate referred to in G2.5 above will be amended to remove any identifier indicating that the certificate was issued under any EECS Scheme other than RECS.

G2.8 The CMO will validate or process a transfer request within 10 working days.

G2.9 The Account Holder is required to retain all records to which he has had access relating to EECS RECS Certificates for a period not less than 10 years.

### G3 **Redemption**

G3.5 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 EECS RECS Certificate cannot be moved to any other account.

G3.6 Only persons duly authorised by the Account Holder may request the redemption of EECS RECS Certificates out of that Account Holder's Transferables Account and into its Redemption Account. The request is given electronically through the web site <http://recs.gsel.it/home/home.aspx>.

G3.7 A redemption request can be made by a person duly authorised by the Account Holder to transfer EECS RECS Certificates out of that Account Holder's Transferables Account and into the Redemption Account. A valid redemption request consists at least of the full details of the Certificates which are to be redeemed. Jointly to this the Account Holder request should include:

- a) The recipient of those Certificates
- b) Any other information to be included on the statement.

G3.8 On receipt of valid redemption request, GSE:

- a) removes the details of that EECS RECS certificates from the Account
- b) inserts the details of the redeemed EECS RECS Certificate in the Redemption Account. Provides the Account Holder with access to the full details of that EECS RECS Certificate certifying that it has been Redeemed.

After a redemption request has been processed, upon request GSE shall provide the Account Holder with proof of the redemption in the form of a standard format, non-transferable redemption statement (Annex 6).

G3.9 A request for redemption of a EECS RECS Certificate will be executed within 5 working days.

### G4 **Withdrawals**

G4.5 GSE may Withdraw a EECS RECS Certificate held in a Transferables Account on its EECS RECS Registration Database at the request of the Account Holder of that Account, or otherwise in accordance with the provisions of the RECS scheme, thereby cancelling it.

### G5 **Errors**

G5.5 Where an error is introduced (subsequent to its Issue) into, or with respect to, a EECS RECS Certificate held in the Account Holder's Transferables Account in the EECS Registration Database:

in the course of its Transfer into that Account; or during such time as it is in such Account, GSE will correct the error.

Energinet.dk will correct the error in or with respect to that EECS RECS Certificate and any errors replicated in EECS RECS Certificates split from it, provided that such EECS RECS Certificate(s) have not been transferred out of that Transferables Account.

GSE may Withdraw or alter an EECS 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.

G5.6 GSE may alter a EECS RECS Certificate held in its EECS RECS 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 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.

## H MONITORING AND REPORTING

### G6 Monitoring

- G6.5 The Registrant, on behalf of the owner and operator, of a Production Device must permit GSE, 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 H 1 and the Italian Legislation. Refusal to permit such access may be considered a breach of the Standard Terms and Conditions.
- G6.6 GSE, 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:
- the information recorded in relation thereto on the EECS Registration Database is accurate;
  - 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
  - such Production Device continues to meet the Qualification Criteria for the EECS Schemes in relation to which it is registered.
- G6.7 The period between inspections of a Production Device under H 1.2 above will not exceed 5 years. GSE 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 H 1.2 above.
- G6.8 GSE, 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.

### G7 Activity Reporting

- G7.5 In order to maintain an open and orderly market, GSE has a duty to publish information in relation to the activities of that market.
- G7.6 GSE will publish an activity report no less than once every three months on the number of EECS RECS Certificates which, within the preceding three calendar months:
- it has Issued;
  - (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;
  - have been transferred into its EECS Registration Database from EECS Registration Databases of other EECS Scheme registry operators;
  - have been transferred from its EECS Registration Database to EECS Registration Databases of other EECS Scheme registry operators;
  - it has transferred from Transferables Accounts to Redemption Accounts.
- G7.7 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.
- G7.8 The annual report referred to H 2.3 above shall specify any institutional, structural, and legal impediments to the efficient functioning of the EECS RECS scheme within Italy.

### G8 Exception Reporting

- G8.5 Where as a consequence of an inspection conducted pursuant to H 1 above, GSE determines that the Scheme Participant is in breach of this Domain Protocol or the Italian 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, GSE will:

- a) take such action as is necessary to secure that RECS Certificates are correctly being issued, such action to include, in a case of material non-compliance with this Domain Protocol or the Italian Standard Terms and Conditions by the Registrant, the withdrawal of registration of the relevant Production Device for the purposes of the EECS RECS Scheme; and
  - b) notify the AIB of such breach where GSE 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.
- G8.6 GSE will report any failures by the Scheme Participant to comply with the provisions of this Domain Protocol or the Italian Standard Terms and Conditions to the Competent Authorities in relation to such matters. Such failures shall include behaviour by the Scheme Participant of which GSE is aware and which, in its reasonable opinion, amounts to a breach of Competition Law, or applicable law governing the conduct of financial markets.
- G8.7 GSE will also notify the AIB of any report made by it under H 3.1 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.

## **H AGENTS AND MEASUREMENT BODIES**

### **H2 Production Auditor**

- H2.5 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.
- H2.6 The Production Auditor is an authorised Body in accordance to National legislation, it means UTF (Fiscal Technical Office). Such Body is independent of the owner or the Registrant of the Production Device.
- H2.7 GSE receives official UTF information and documentations, through Registrants of Production. GSE will compare generation capacity with the issued number of Certificates and other relevant data e.g. wind speeds, to identify any potential abnormalities on the basis of the UTF information and documentations.

### **H3 Production Registrar**

- H3.5 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. GSE must verify the application, but can delegate the activity to a Production Registrar as his agent.
- H3.6 The structure of charges to the applicant for this service and verification timings for each Production Registrar are shown on the website [www.gsel.it](http://www.gsel.it).
- H3.7 Registrant, on behalf of the owner and operator, of a Production Device must permit GSE, 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 I 2. 1 above.

## **I MODIFICATIONS**

### **I2 Modifications to this Domain Protocol**

- I2.5 The Scheme Participant may propose a modification to this Domain Protocol;
- I2.6 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 GSE.
- I2.7 On receipt of such a request, GSE will:
- Respond to the request within thirty (30) working days, describing the procedures to be followed, and estimating when a reply can be expected;
  - Consult with the other RECS Scheme Participants within Italy;
  - Decide whether the request and its consequences are in its opinion reasonable;
  - Inform the RECS Scheme Participants within Italy the outcome of this decision.
- I2.8 GSE may make such modifications to this Domain Protocol as are in its opinion necessary to the effective and efficient operation of the market.
- I2.9 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.
- I2.10 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.gsel.it](http://www.gsel.it).

## **J ASSOCIATION OF ISSUING BODIES**

### **J2 Membership**

- J2.5 GSE 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 RECS Certificates.
- J2.6 In order to maintain the quality standard across the entire EECS network, all AIB members are subject to audit and periodic peer review.
- J2.7 In the event of GSE or one of its agents failing to maintain the quality standard, there may be a suspension of EECS RECS Certificate issuing and/or international transfers into or out of Italy.
- J2.8 Should GSE decide to withdraw from AIB membership in respect of RECS in Italy, it will give notice in writing to the Scheme Participant in accordance with the Italian Standard Terms and Conditions.

## Annex 1 – Contacts List

### Central Monitoring Office

Company	GSE
Contact Person	Francesco Curiale
Address	V.le Pilsudski, 92
Country	Italy
Phone number	+39 06 8011 4528
Email address	francesco.curiale@gse.it

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

Company	GSE
Contact Person	
Address	
Country	
Phone number	
Email address	

### Production Registrar/Auditor 1 (Common contact point)

Company	GSE
Contact Person	Stefania Camardella
Address	V.le Pilsudski, 92
Country	Italy
Phone number	+ 39 06 8011 4706
Email address	stefania.camardella@gse.it

## Annex 2 – Registration Form

<b>Registrant of Production Device</b>			
Owner: <input type="checkbox"/>	Registrant: <input type="checkbox"/>	Declaration of changes <sup>1</sup>	<input type="checkbox"/>
Name:	Contact person:		
Street:	Postal code:		
City:	ERD <sup>2</sup> account # <sup>3</sup> :		
Country:	Phone #:	Fax #:	
VAT number:	00000000000000		
e-mail:			
Issuing Body:			
<b>Production Device</b>			
Street:			
City:		Postal code:	
Country:			
Grid reference:		ID for meter readings:	
Production Device is connected directly to the grid: <input type="checkbox"/>			
If the Production Device is <i>not</i> connected directly to the grid, specify the circumstances, and additional relevant meter registration numbers:			
Installed capacity, MW:		Date of commissioning:	
Foreseen production, MW:			
<b>Energy sources</b>			
Wind – onshore <input type="checkbox"/>	Hydro – conventional <input type="checkbox"/>	Geothermal <input type="checkbox"/>	
Wind – offshore <input type="checkbox"/>	Wave - onshore <input type="checkbox"/>	Tidal - onshore <input type="checkbox"/>	
Solar- photovoltaic <input type="checkbox"/>	Wave - offshore <input type="checkbox"/>	Tidal - offshore <input type="checkbox"/>	
Solar - thermal <input type="checkbox"/>	Municipal waste <input type="checkbox"/>	Landfill gas <input type="checkbox"/>	
Energy crops <input type="checkbox"/>	Industrial waste <input type="checkbox"/>	Sewage gas <input type="checkbox"/>	
Forestry/agricultural waste <input type="checkbox"/>			
<b>Public Support schemes</b>			
REG: <input type="checkbox"/>	ADD: <input type="checkbox"/>	CQGC: <input type="checkbox"/>	
PVR: <input type="checkbox"/>	CRS: <input type="checkbox"/>		

<sup>1</sup> Highlight changed data on declaration of changes. <sup>2</sup> ERD = EECS Registration Database. <sup>3</sup> Optional.

**Place** **Date** **Verified by**

\_\_\_\_\_  
Signature Registrant

\_\_\_\_\_  
Production Registrar

<b>Authorised personnel</b>	

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 RECS in Italy.
- The electrical energy produced by the Production Device is produced according to the Qualifying Criteria set out in D3 of the Domain Protocol for RECS in Italy 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 RECS in Italy.

All the following Annexes must be enclosed to the RF:

**Annex A:** “Denuncia di officina elettrica”, a declaration of commissioning a generation device to the local Italian Fiscal Bureau (UTF)

**Annex B:** Brief technical Description of the production device including at least

- a) electric diagram and connection scheme “Schema unifilare”;
- b) main technical characteristics of the equipment

GSE consider the annex B already provided by the Registrant in case the Production Device has received the RES Guarantee of Origin according to legislative decree 387/03.

**Annex C:** “Licenza di esercizio”, the authorisation (fiscal) from UTF to run the production device

**Annex D:** “ Processo Verbale UTF”, testimony of UTF on-site verification of “Denuncia di officina”, official registration and sealing of meters.

## Annex 3 – Energy Source Types and Technology Types

Source <sup>1</sup>	Technology	Type	Combustion	Code
Wind	Wind turbine	Onshore	No	01
		Offshore	No	02
Solar	Photovoltaic		No	03
	Thermal		No	04
Energy from water <sup>2</sup>	Hydro power		No	05
	Tidal energy	Onshore	No	06
		Offshore	No	07
	Wave energy	Onshore	No	08
		Offshore	No	09
Geothermal			No	10
Biomass, using gasification and non-gasification technologies <sup>3</sup>	Energy crops		Yes	11
	Forestry and agricultural by-products and waste		Yes	12
	Biogas	Landfill gas	Yes	13
		Sewage gas	Yes	14
		Other	Yes	15
	Energy from by-products and waste (with varying levels of filtration) <sup>4</sup>	Municipal solid waste	Yes	16
		Industrial by-products and commercial waste	Yes	17

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 this table.

<sup>1</sup> Note that there is no generic code for “renewables”: these must be coded by type.

<sup>2</sup> Electricity used for pumping in Pumped Hydro is excluded in the calculation of renewable energy.

<sup>3</sup> As defined in the Renewable Energy Directive, the Large Combustion Plants Directive and the Waste Combustion Plants Directive.

<sup>4</sup> Note that 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 EECS RECS Certificates within this time period.

Even those Production Devices registered in the CMO data base but not asking for issuing of EECS RECS Certificates have to send to GSE this Application with the yearly data production.

By undersigning this Application for Issuing of EECS RECS Certificates (IRC) the signatory declares that he will not, during the period of its Registration and for the same unit of electrical energy, receive certificates representing the benefit of renewable electricity generation from both RECS and another similar system. This confirms that the electricity has not been sold as renewable and the benefit of RES - E over electricity from renewable sources has not been sold separately, by means of receiving Italian green certificates under legislative decree 79/99 and selling them on the market or through bilateral contracts.

### I. Owner of Production Device/Generator

<b>1. Name of Owner</b>	
<b>2. Name of Registrant, if different</b>	
<b>3. Contact person</b>	

### II. Production Device

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

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.

It is assumed that the percentage share of electricity from renewables is directly proportional to the percentage share of used biomass during the period.

		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 Calorific Value	Energy Source Factor
<b>Period YYYY-MM-DD to YYYY-MM-DD</b>					<b>M<sup>i</sup></b>	<b>C<sup>i</sup></b>	<b>L<sup>i</sup></b>
<b>Biomass</b>							
Energy crops	kg						

Forestry and agricultural by-products and waste (recovered liquor, bark, wood waste, sludge and reject)	kg						
Biogas	kg						
Landfill gas	kg						
Energy from by-products and waste (with varying levels of filtration, municipal solid waste industrial by products and commercial waste)	kg						
Sewage gas	kg						
<b>Total Biomass</b>	kg						
<b>Non biomass</b>					<b>M<sup>i</sup></b>	<b>C<sup>i</sup></b>	<b>L<sup>i</sup></b>
Specify fuel	kg						
<b>Total non-biomass</b>	kg						
<b>Energy Source Factor (in accordance with F2.6)</b>	$L^i = \frac{\sum_i^j M^i x C^i}{\sum_i^n M^i x C^i}$						

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. 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-IV.

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).

**VII. Signature for the Registrant**

Name .....

On behalf of .....

Date .....

# Annex 5 – Account Application/Amendment Form

Application for account opening/amendment in Italy for EECS RECS Scheme 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 EECS RECS certificate including the provisions and requirements the Domain Protocol for Italy and the Italian Standard Terms and Conditions.

**Signed** .....

In the position of .....

**Date** .....

## Annex 6 – Redemption Statement

### EECS RECS Redemption Statement

With this Redemption Statement the indicated type of Certificates are no longer tradable. Onward sale of this Redemption Statement is prohibited.

#### Basic Data

<b>Account Holder</b>	<name> e.g. Electrabel
<b>Address of Account Holder</b>	<street> e.g. Regentlaan 8 <zip><location> e.g. B-1000 Brussels <country> e.g. Belgium
<b>Account Number</b>	<account number> e.g. 04X00000B1
<b>Redemption Date</b>	<date> e.g. 2003-09-12
<b>Redeemed by</b>	<Country Code> e.g. FI, <IB Code> e.g. 04, <IB> e.g. Fingrid
<b>Unique Statement Number</b>	<> e.g. 042003091200001
<b>Number of redeemed certificates</b>	<> e.g. 100
<b>Number of MWh represented</b>	<> e.g. 100 000
<b>Redemption purpose</b>	<> e.g. Quota fulfilment on behalf of customer in x Domain in year Z

#### Legend

Certificate Type			Code
RECS			1
Guarantee of Origin of electricity, produced from renewable energy sources			2
Guarantee of Origin of electricity from high efficient cogeneration			3
Energy Source	Technology	Type	Code
Energy from water <sup>5</sup>	Hydro power		05
Biomass	Agricultural by-products and waste		12
	Energy from by-products and waste (with varying levels of filtration) <sup>6</sup>	Municipal solid waste	16
		Industrial by-products and commercial waste	17
Support Type / Description			Code
No support			0
Investment support			1
Production support			2
Combination of Investment and Production support			3

<sup>5</sup> Pumped hydro power is excluded

<sup>6</sup> Note that certificates will only be issued for the estimated non-fossil proportion (i.e. excluding plastics) of energy from by-products and waste

### Production Device Information

	Production Device ID	Domain of Origin	Certificate Type	Energy Source	Support Type	Additional Remarks by the Issuing Body
1	70705230001000XXXX	NO	1 and 2	03	0	
2	70705230001000XXXX	NO	3	11	1	
3	70705230001000XXXX	NO	2	05	3	

### Redeemed Certificates

	From Certificate ID	To Certificate ID	Number of Certificates	Number of MWh Represented	Issuing Date	Production Period from / to
1	64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	100	100 000	yyyy-mm-dd	yyyy-mm-dd - yyyy-mm-dd
2	64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	100	100 000	yyyy-mm-dd	yyyy-mm-dd - yyyy-mm-dd
3	64206164132250081000XXXXXXXXXX	64206164132250081000XXXXXXXXXX	100	100 000	yyyy-mm-dd	yyyy-mm-dd - yyyy-mm-dd