

CHAPTER 3: DISCLOSURE CERTIFICATES

1 INTRODUCTION

- 1.1 EECS-Disclosure is hereby established as an EECS Scheme based on the Internal Markets Electricity Directive. In this Chapter, unless the context otherwise requires or there is express provision to the contrary, terms shall have the meanings respectively ascribed to them below:

TERM	DEFINITION
Consumption Declaration	a declaration with respect to the fuel sources of a Production Device (including the electrical energy used in storing energy to be used by the Production Device);
Disclosure	The process whereby a supplier proves to its customers the source of the energy that has been supplied to them (see Articles 3.6 of the Internal Markets Electricity Directive [2003/54/EC])
EECS-Disclosure	the EECS Scheme established by this Chapter 3, together with the Domain Schemes in respect of the Domains of EECS-Disclosure Members for the purposes of that EECS Scheme, in compliance with Directive 2003/54/EC of the European Parliament and of the Council;
EECS-Disclosure Certificate	an EECS Certificate which has been Issued under an EECS-Disclosure Domain Scheme as evidence for purposes of Disclosure;
EECS-Disclosure Domain Scheme	the Domain Scheme establishing EECS-Disclosure in a Domain;
EECS-Disclosure Member	a Member which is for the time being a Scheme Member of EECS-Disclosure;
EECS-Disclosure Qualification Criteria	the criteria set out at section 3.1;
Energy Source Factor	in relation to any Production Device and period of time and single energy source the proportion expressed as a factor of less than one of the Nett Electrical Energy Generation of that Production Device which is from that single energy source, as specified (consistently with the terms of the relevant Domain Scheme) in the Production Declaration for that Production Device with respect to the period over which the electricity was generated.

GoO RES-E	the EECS Scheme established by Chapter I, together with the Domain Schemes in respect of the Domains of GoO RES-E Members for the purposes of that EECS Scheme, in compliance with Directive 2001/77/EC of the European Parliament and of the Council;
GoO RES-E Certificate	an EECS Certificate Issued under a GoO RES-E Domain Scheme according to the provisions of Chapter 1 (“GoO RES-E Certificates”) of the PRO;
Nett Electrical Energy Generation	the gross electricity production of a Production Device as evidenced by measured values collected and determined by an Authorised Body with reference to its Import and Export Meters (adjusted by meter amendments and the outcome of any disputes) minus the demand of any generating auxiliaries and minus losses in the main generator transformers on the site of the Production Device; and
Production Declaration	a request to a Scheme Member for the Issue of EECS-Disclosure Certificates in respect of a particular Production Device and period of time.
RECS	the RECS Scheme established under Chapter 2 together with the Domain Schemes in respect of the Domains of RECS Members;
RECS Certificate	an EECS Certificate Issued under a RECS Domain Scheme;
RECS Domain Scheme	The Domain Scheme establishing RECS in a Domain;
RECS Member	a Member which is for the time being a Scheme Member of RECS;

2 APPOINTMENT CRITERIA

- 2.1 The Appointment Criteria in connection with a proposed Domain for a prospective EECS-Disclosure Member are that the prospective EECS-Disclosure Member is either:
- (a) an Authorised Body for the purpose of issuing Certificates under the relevant National Certification Scheme with respect to any Production Device located in the proposed Domain which meets the requirements for EECS-Disclosure; or
 - (b) (subject only to the consent of the owner and/or operator of the relevant Production Device) entitled to receive the data contained in Certificates issued in electronic form under the relevant National Certification Scheme
- and in each such case (subject only to the consent of the owner and/or operator of the relevant Production Device) is entitled to receive the data comprised in Certificates issued in electronic form for the purposes contemplated by the PRO and entitled:
- (c) to use and permit such data to be used for the purposes contemplated by the PRO;

(d) to grant the license referred to in section M4.1.1 with respect to such data;

2.2 The Scheme Members of the EECS-Disclosure scheme and their respective EECS-Disclosure Domains are set out in the PRO Fact Sheet “EECS-Disclosure Members”.

3 DISCLOSURE QUALIFICATION CRITERIA

3.1 The criteria of each EECS-Disclosure Domain Scheme for Production Devices to qualify for registration for the purposes of EECS-Disclosure (the “EECS-Disclosure Qualification Criteria”) are that:

- (a) that the Production Device is capable of generating electricity;
- (b) the metering arrangements for the electrical inputs and outputs of the Production Device (including electrical energy consumed in storing energy for use by that Production Device) satisfy the legislative and administrative requirements applicable in the relevant Domain (including the requirements of the Domain Protocol);
- (c) the Production Device satisfies any legislative and administrative requirements applicable in the relevant Domain (including the requirements of the Domain Scheme).

4 PRODUCTION DEVICE REGISTRATION

4.1 The provisions of an EECS- Disclosure Domain Scheme with respect to the maintenance of the EECS Registration Database shall be such that the Registrant of a Production Device for the purposes of EECS-Disclosure shall be obliged to re-apply for registration for the Production Device on each occasion that it notifies the Scheme Member of changes that have occurred, or are planned, with respect to that Production Device, which as the case may be, have resulted in, or will result in, the information recorded in the EECS Registration Database with respect to that Production Device becoming inaccurate.

4.2 The provisions of an EECS-Disclosure Domain Scheme with respect to the maintenance of the EECS Registration Database shall be such that a Production Device shall cease to be registered for the purposes of EECS-Disclosure where a Registrant fails to re-apply for registration in the circumstances referred to in section E2.3.

5 EECS-DISCLOSURE CERTIFICATES

5.1 The provisions of an EECS-Disclosure Domain Scheme shall be such that EECS-Disclosure Certificates, RECS Certificates, CHP-GO certificates and GoO RES-E Certificates may be used for purposes of Disclosure.

5.2 The provisions of an EECS-Disclosure Domain Scheme shall be such that no EECS-Disclosure Certificates shall be Issued in respect of:

- (a) any electrical energy which has been found not to be generated from the energy source claimed by the Registrant of the Originating Production Device; or
- (b) any Production Device which is not registered for the purposes of EECS-Disclosure in the EECS Registration Database for the relevant Domain;
- (c) any electrical energy, of which the measured value has not been collected and determined by an Authorised Body.

- 5.3 The provisions of each EECS-Disclosure Domain Scheme shall be such that, where the preconditions of that Domain Scheme with respect to the Issue of EECS-Disclosure Certificates have been met, EECS-Disclosure Certificates shall be Issued in respect of the quantity of RES-E with respect to the relevant Production Device and period claimed in a Production Declaration and specified (in whole MWh) by the Registrant of the Production Device or a Account Holder duly authorised on its behalf, in accordance with provisions consistent with CHAPTER 1: sections 5.5 and 5.6.
- 5.4 The provisions of each EECS-Disclosure Domain Scheme shall be such that EECS-Disclosure Certificates shall not be Issued in respect of any electrical energy specified in a Production Declaration where the Scheme Member is not in receipt of measured values of electricity production collected and determined by an Authorised Body which, having regard to the relevant Consumption Declaration where relevant, corroborate the amount so specified.
- 5.5 The provisions of each EECS-Disclosure Domain Scheme shall be such that each EECS Certificate Issued thereunder has a Face Value of:
- (a) 1 MWh;
 - (b) 10 MWh;
 - (c) 100 MWh;
 - (d) 1000 MWh;
 - (e) 10,000 MWh;
 - (f) 100,000 MWh; or
 - (g) 1,000,000 MWh.
- 5.6 The provisions of each EECS-Disclosure Domain Scheme shall be such that:
- (a) where a Production Device only produces electricity from a single energy source, the amount of electrical energy determined for the purposes of EECS-Disclosure as having been produced by that Production Device shall be the amount of Nett Electrical Energy Generation produced by that Production Device;
 - (b) where the Production Device produces energy from more than one energy source, the amount of electrical energy determined for the purposes of EECS-Disclosure as having been produced by a Production Device shall be the amount of Nett Electrical Energy Generation produced by that Production Device multiplied by the Energy Source Factor for that source of energy;
 - (c) a person submitting a Production Declaration in relation to a Production Device for which one of the sources of energy is stored energy shall be obliged to submit (in respect of the same period as that to which the Production Declaration relates) a Consumption Declaration and to specify therein the amount of electrical energy consumed in storing energy for use by that Production Device in that period;
 - (d) a person submitting a Production Declaration in relation to a Production Device for which there is more than one source of energy shall be obliged to submit (in respect of the same period as that to which the Production Declaration relates) a Consumption Declaration for each combustible energy source and to specify therein:
 - (iii) the values of M^1, C^1, \dots, M^n and C^n ; and
 - (iv) as the Energy Source Factor for that energy source and that period, a factor no greater than L, where L is the proportion of the total

energy generated during this period by the relevant energy source and is calculated as follows:

$$L = \frac{M^1 \times C^1}{(M^1 \times C^1) \dots + (M^n \times C^n)}$$

Where

- M^1 is the mass of the relevant Energy Source for that Production Device during the relevant period
- C^1 is the average calorific value of the relevant Energy Source for that Production Device during the relevant period
- M^n is the mass of each relevant energy source other than the relevant Energy Source for that Production Device during the relevant period
- C^n is the calorific value of each relevant energy source other than the relevant Energy Source for that Production Device during the relevant period.

- 5.7 The provisions of an EECS-Disclosure Domain Scheme shall be such that each EECS-Disclosure Certificate shall state the kilogrammes of CO₂ emitted by the Originating Production Device in the production of 1 MWh of electrical energy and associated with the relevant energy source, by reference to the source types and reference values set out in the PRO Fact Sheet “Types of Energy Sources and Technology”.
- 5.8 In addition to the information contained on an EECS certificate as identified in Section E3.1, each Disclosure Domain Scheme must provide that a Disclosure Certificate Issued thereunder shall contain the following information where the format of this information is in accordance with the Subsidiary Document “EECS Registration Databases:
- (a) Lower calorific value in megajoules per kilogramme of fuel;
 - (b) For CHP plant:
 - (i) Optionally, the primary energy saved expressed as a percentage according to Annex III of the Directive; and
 - (ii) the actual amount of primary energy saved expressed in megajoules per MWh;
 - (iii) the CO₂ emissions produced per unit of CHP electricity in kilograms per MWh of final energy produced, calculated by subtracting the fuel for CHP heat based on Harmonised Efficiency Reference Values for separate production of heat from the total CHP fuel;
 - (iv) the use of heat, being the value identified in the Fact Sheet “CHP Codes” under “Use of Heat” which represents the predominant use of the relevant heat; and
 - (v) absolute CO₂ emissions saved per MWh compared with the best available and economically justifiable technology for separate production of heat and electricity using the same fuels; and which was on the market in the year of construction of the CHP unit, as defined in Annex III(f) and in particular Annex III(f)(2) of the CHP Directive;
 - (c) For combustion plant other than CHP plant:

- (i) the CO₂ emissions produced per unit of electricity in kilograms per MWh of final energy produced; and
- (ii) .the radioactive waste produced per unit of electricity (as required by the Internal Markets Electricity Directive 2003/54/EC) in grams per MWh. Unless legislation directs otherwise, no Member shall make available any individual Account Holder information relating to the absolute CO₂ emissions saved per MWh as referred to in CHAPTER 45.8(d)(ii).