

## [F1]SCHEDULE A1

Articles 2(1) and 22A

### GREENHOUSE GAS EMISSION CRITERIA FOR BIOLIQUID

#### Textual Amendments

- F1** Schs. A1, A2 inserted (1.4.2011) by [The Renewables Obligation \(Scotland\) Amendment Order 2011 \(S.S.I. 2011/225\)](#), arts. 1, 16 (with art. 19)

#### Interpretation

1. In this Schedule—

“actual value method” means the calculation method for greenhouse gas emissions from the production and use of bioliquids provided for in paragraphs 1, 2 and 5 to 18 of Part C of Annex V to the Renewables Directive;

“default percentage” means—

- (a) in relation to bioliquid described in the first column of Part A or Part B of Annex V to the Renewables Directive—
- (i) the percentage (if any) which corresponds to that description in the third column of Part A or Part B of that Annex; or
- (ii) where a percentage corresponding to that description is not set out in the third column of Part A or Part B of that Annex, the percentage which complies with the provision corresponding to that description in the second column of Part A or Part B of that Annex;
- (b) in all other cases, 0%;

“disaggregated default value” means, in relation to a bioliquid described in the first column of a table in Part D or Part E of Annex V to the Renewables Directive, the value which corresponds to that description in the third column of that table in Part D or Part E of Annex V to the Renewables Directive;

“disaggregated default values for cultivation” means the figures in the third column of the table entitled “Disaggregated default values for cultivation: ‘*e<sub>ec</sub>*’ as defined in part C of this Annex” in Part D of Annex V to the Renewables Directive;

“greenhouse gas emissions from the use of fossil fuel” means the value given in paragraph 19 of Part C of Annex V to the Renewables Directive as the fossil fuel comparator for bioliquids used for electricity production;

“mixed value method” means the calculation method for greenhouse gas emissions from the production and use of bioliquids provided for in paragraphs 1, 2 and 5 to 18 of Part C of Annex V to the Renewables Directive, but using one or more disaggregated default values for the bioliquid when carrying out the calculation set out in paragraph 1 of Part C of that Annex; and

“relevant percentage” means—

- (a) in relation to bioliquid used to generate electricity before 1st January 2017, 35%;
- (b) in relation to bioliquid used to generate electricity during 2017, 50%;
- (c) in relation to bioliquid produced by an installation that started producing bioliquid before 1st January 2017 and used to generate electricity on or after 1st January 2018, 50%;
- (d) in all other cases, 60%.

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

### **The greenhouse gas emission criteria**

2. Where bioliquid is used to generate electricity, it meets the greenhouse gas emission criteria if—
- (a) the greenhouse gas emissions from its use are lower, by at least the relevant percentage, than the greenhouse gas emissions from the use of fossil fuel; or
  - (b) the bioliquid was—
    - (i) produced by an installation that was producing bioliquid on 23rd January 2008; and
    - (ii) used to generate electricity before 1st April 2013.

### **Calculating the percentage difference**

3. For the purposes of paragraph 2, the percentage difference between the greenhouse gas emissions from the use of the bioliquid and the greenhouse gas emissions from the use of fossil fuel is—

- (a) to be calculated using one of the following methods—
  - (i) the actual value method; or
  - (ii) the mixed value method; or
- (b) the default percentage.

4. The mixed value method must not be used for the purposes of paragraph 2 unless the bioliquid is described in the first column of a table in Part D or Part E of Annex V to the Renewables Directive.

5. Where the mixed value method is used for the purposes of paragraph 2, the disaggregated default values for cultivation must not be used in carrying out the calculation in paragraph 1 of Part C of Annex V to the Renewables Directive unless the biomaterial from which the bioliquid is made—

- (a) was cultivated outside the EU;
- (b) was cultivated in an area included in a list submitted under Article 19(2) of the Renewables Directive;
- (c) is waste; or
- (d) is residue (other than residue from agriculture, aquaculture or fisheries).

6. The default percentage must not be used for the purposes of paragraph 2 unless—

- (a) in relation to the bioliquid, the result of the calculation in paragraph 7 of Part C of Annex V to the Renewables Directive is equal to, or less than, zero; and
- (b) in the case of a bioliquid described in the first column of Part A of Annex V to the Renewables Directive, the biomaterial from which the bioliquid is made—
  - (i) was cultivated outside the EU;
  - (ii) was cultivated in an area included in a list submitted under Article 19(2) of the Renewables Directive;
  - (iii) is waste; or
  - (iv) is residue (other than residue from agriculture, aquaculture or fisheries).]

## [F2]SCHEDULE A1A

### GREENHOUSE GAS EMISSION CRITERIA FOR SOLID AND GASEOUS BIOMASS

#### Textual Amendments

- F2** Sch. A1A inserted (1.12.2015) by [The Renewables Obligation \(Scotland\) Amendment Order 2015 \(S.S.I. 2015/384\)](#), art. 1(1), [Sch. 1](#) (with arts. 16, 17)

## PART 1

### Greenhouse gas emission criteria

#### Interpretation

1. In this Schedule—

“actual value method” means the calculation method provided for in Part 2;

“default value method” means the calculation method provided for in Part 3;

“post-2013 dedicated biomass station” means a generating station which—

- (a) was not accredited on or before 31st March 2013; and
- (b) has, in any month after March 2013, generated electricity in the way described as “dedicated biomass” in Schedule 2 (electricity to be stated in SROCs);

“relevant biomass” means biomass other than animal excreta, bioliquid, landfill gas, sewage gas or waste;

“relevant ceiling” means—

- (a) in relation to biomass used by a post-2013 dedicated biomass station to generate electricity before 1st April 2020, 79.2 grams per mega joule of electricity;
- (b) in relation to biomass used to generate electricity on or after 1st April 2020 and before 1st April 2025, 75 grams per mega joule of electricity; and
- (c) in relation to biomass used to generate electricity on or after 1st April 2025, 72.2 grams per mega joule of electricity;

“relevant target” means—

- (a) in relation to biomass used to generate electricity before 1st April 2020 by a station other than a post-2013 dedicated biomass station, 79.2 grams per mega joule of electricity;
- (b) in relation to biomass used by a post-2013 dedicated biomass station to generate electricity before 1st April 2020, 66.7 grams per mega joule of electricity;
- (c) in relation to biomass used to generate electricity on or after 1st April 2020 and before 1st April 2025, 55.6 grams per mega joule of electricity; and
- (d) in relation to biomass used to generate electricity on or after 1st April 2025, 50 grams per mega joule of electricity.

#### The greenhouse gas emission criteria

2. Biomass meets the greenhouse gas emission criteria for solid and gaseous biomass—

- (a) if the greenhouse gas emissions from its use are equal to, or less than, the relevant target; or

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

- (b) if—
  - (i) the biomass is used by a post-2013 dedicated biomass station or the biomass is used to generate electricity after 1st April 2020;
  - (ii) the greenhouse gas emissions from its use are equal to, or less than, the relevant ceiling; and
  - (iii) the biomass is used in an obligation period in which the average greenhouse gas emissions from the relevant biomass used by the station to generate electricity during that obligation period are equal to, or less than, the relevant target.

**Calculating the greenhouse gas emissions**

**3.** For the purposes of paragraph 2, and subject to paragraph 4, the greenhouse gas emissions from the use of biomass to generate electricity—

- (a) is to be calculated by the operator of the generating station using the actual value method or the default value method; or
- (b) is 91 grams per mega joule of electricity.

**4.** The default value method must not be used to calculate the greenhouse gas emissions from the use of biomass unless—

- (a) the biomass was used in a generating station with a total installed capacity of less than one megawatt;
- (b) the biomass is described in the first column of the table in Part 4; and
- (c) in relation to the biomass, the result of the calculation in paragraph 7 of Part C of Annex 5 to the Renewables Directive is equal to, or less than, zero.

**5.** For the purposes of paragraph 4(c), paragraph 7 of Part C of Annex 5 to the Renewables Directive is to be read as if—

- (a) for each reference to “biofuel” there was substituted “ biomass ”; and
- (b) the words “or bioliquid” were omitted in each place in which those words occur.

**PART 2**

**Actual value method**

**6.** Where the greenhouse gas emissions from the use of biomass are calculated using the actual value method the greenhouse gas emissions from the use of the biomass are equal to—

- (a) in the case of biomass used by a combined heat and power generating station,

$$E_{\eta l}(\eta l \eta l + Ch \times \eta h)$$

; and

- (b) in any other case,

$$E_{\eta l}$$

**7.** In paragraph (6)—

- (a)  $\eta l$

is equal to

$$AF$$

where—

- (i) A is the total amount of electricity generated by the generating station during the month; and
- (ii) F is the energy content of all of the fuels used in generating that electricity during the month;

(b)  $\eta h$

is equal to

$$HF$$

where—

- (i) F has the same meaning as in sub-paragraph (a)(ii); and
- (ii) H is the energy content of all of the heat supplied to any premises by the generating station during the month; and

(c)  $Ch$

is equal to—

- (i) where the maximum temperature in degrees kelvin of heat or steam which is (or may be) supplied by the generating station to any premises (“

$$T_{\max}$$

”) is less than 423 degrees kelvin,  $0.3546;$

- (ii) in any other case,

$$T_{\max} - 273T_{\max}$$

; and

- (d) E is the greenhouse gas emissions from the production of the biomass and is to be calculated in accordance with Part C of Annex 5 to the Renewables Directive but as if the following modifications were made to Part C of that Annex:—

(i) in paragraph 1—

(aa) for “and use of transport fuels, biofuels and bioliquids” there was substituted “of biomass”;

(bb) for “E = total emissions from the use of the fuel” there was substituted “E = greenhouse gas emissions from the production of the biomass”; and

(cc) for “

$$eu$$

= emissions from the fuel in use” there was substituted “

$$eu$$

= zero”;

- (ii) in paragraph 2, for the references to “fuels” and “fuel” there was substituted in each case “biomass”;

(iii) paragraphs 3 and 4 were omitted;

(iv) in paragraph 7—

(aa) for each reference to “biofuel” there was substituted “biomass”; and

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

- (bb) the words “or bioliquid” were omitted in each place in which those words occur;
- (v) in paragraph 11, for “fuel” there was substituted “biomass”;
- (vi) paragraph 13 was omitted;
- (vii) in paragraph 14, for “fuel” there was substituted “biomass”;
- (viii) for paragraph 16 there was substituted—
  - “16. Emission saving from excess electricity from cogeneration shall be taken to be zero.”;
- (ix) in paragraph 17, for each reference to “fuel” there was substituted “biomass”;
- (x) in paragraph 18—
  - (aa) for “fuel” there was substituted “biomass”;
  - (bb) the words “In the case of biofuels and bioliquids,” were omitted;
  - (cc) before “and residues from processing” there was inserted “residues from aquaculture, arboriculture, fisheries and forestry”; and
  - (dd) for “fuels” there was substituted “biomass”; and
- (xi) for paragraph 19 there was substituted—
  - “19. Where material is added to the biomass to act as a binding agent or to reduce the emissions of dust, carbon dioxide, methane or nitrous oxide from the use of the biomass, the material so added shall be considered to have zero life-cycle greenhouse gas emissions, provided that the material so added does not exceed 2% by weight of the biomass.”.

### PART 3

#### Default value method

8. The greenhouse gas emissions from the use of biomass are calculated using the default value method where the greenhouse gas emissions from the use of the biomass are equal to—

- (a) in the case of biomass used by a combined heat and power generating station,

$$E_{\eta l}(\eta_l \eta_{el} + Ch \times \eta_h)$$

; and

- (b) in any other case,

$$E_{\eta l}$$

9. In paragraph (8)—

- (a)  $\eta_l$

,

$$\eta_h$$

and

$$Ch$$

have the same meaning as in Part 2; and

- (b) E, in relation to a type of biomass described in the first column of the table in Part 4, is the number of grams which corresponds to that description in the second column of that table.

## PART 4

### Default greenhouse gas emissions from the production of biomass

<b><i>Biomass</i></b>	<b><i>Default greenhouse gas emissions from the production of biomass (in grams)</i></b>
Wood chips made from residue from forestry carried out in European temperate continental forest	1
Wood chips made from residue from forestry carried out in tropical or subtropical forest	25
Wood chips from short rotation forestry carried out in European temperate continental forest	4
Wood chips from short rotation forestry carried out in tropical or subtropical forest	28
Wood briquettes or wood pellets—	2
(a) (a) which are made from residue from forestry carried out in European temperate continental forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by wood	
Wood briquettes or wood pellets—	20
(a) (a) which are made from residue from forestry carried out in tropical or subtropical forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by natural gas	
Wood briquettes or wood pellets—	17
(a) (a) which are made from residue from forestry carried out in tropical or subtropical forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by wood	
Wood briquettes or wood pellets—	35
(a) (a) which are made from residue from forestry carried out in European temperate continental forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by natural gas	
Wood briquettes or wood pellets—	4
(a) (a) which are made from short rotation forestry carried out in European temperate continental forest; and	

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

(b) where the process to produce the wood briquettes or wood pellets was fuelled by wood	
Wood briquettes or wood pellets—	22
(a) (a) which are made from short rotation forestry carried out in European temperate continental forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by natural gas	
Wood briquettes or wood pellets—	22
(a) (a) which are made from short rotation forestry carried out in tropical or subtropical forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by wood	
Wood briquettes or wood pellets—	40
(a) (a) which are made from short rotation forestry carried out in tropical or subtropical forest; and	
(b) where the process to produce the wood briquettes or wood pellets was fuelled by natural gas	
Charcoal made from residue from forestry carried out in European temperate continental forest	41
Charcoal made from residue from forestry carried out in tropical or subtropical forest	50
Charcoal made from short rotation forestry carried out in European temperate continental forest	46
Charcoal made from short rotation forestry carried out in tropical or subtropical forest	57
Wheat straw	2
Bagasse briquettes where the process to produce the bagasse briquettes was fuelled by wood	17
Bagasse briquettes where the process to produce the bagasse briquettes was fuelled by natural gas	35
Bagasse bales	20
Palm kernel	27
Rice husk briquettes	28
Miscanthus bales	7
Biogas produced from wet manure	8
Biogas produced from dry manure	7
Biogas produced from wheat, where the whole plant was used to produce the biogas	21
Biogas produced from straw	21
Biogas produced from maize, where—	34



- (a) (a) the whole maize plant was used in the process to produce the biogas; and
- (b) the maize was not grown by organic farming methods

Biogas produced from maize, where—

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- (a) (a) the whole maize plant was used in the process to produce the biogas; and
- (b) the maize was grown by organic farming methods]

## [<sup>F3</sup>SCHEDULE A2

### Land criteria

#### Textual Amendments

- F3** Sch. A2 substituted (1.12.2015) by [The Renewables Obligation \(Scotland\) Amendment Order 2015 \(S.S.I. 2015/384\)](#), art. 1(1), [sch. 2](#) (with art. 16)

#### Interpretation

1. In this Schedule—

“continuously forested area” means land of an area of more than one hectare which includes—

- (a) trees more than 5 metres tall providing a tree canopy cover of more than 30%; or
- (b) trees collectively having the capacity to provide a tree canopy cover of more than 30% which—
  - (i) are more than 5 metres tall; or
  - (ii) have the capacity to grow to a height of more than 5 metres;

“designated for nature protection purposes” means designated pursuant to the law of the United Kingdom or of any part of the United Kingdom or pursuant to the law of any country or territory outside the United Kingdom, for the purpose of protecting the natural environment;

“environmental quality assurance scheme” means a voluntary scheme which establishes environmental or social standards in relation to the production of woody biomass;

“greenhouse gas emissions from the use of fossil fuel” has the same meaning as in Schedule 1 (greenhouse gas emission criteria for bioliquid);

“highly biodiverse grassland” is to be construed in accordance with Article 17(3)(c) of the Renewables Directive;

“lightly forested area” means land of an area of more than one hectare which includes—

- (a) trees more than 5 metres tall providing a tree canopy cover of between 10% and 30%; or
- (b) trees collectively having the capacity to provide a tree canopy cover of between 10% and 30% which—
  - (i) are more than 5 metres tall; or
  - (ii) have the capacity to grow to a height of more than 5 metres;

“primary forest” means woodland of native species where there is no clearly visible indication of human activity and ecological processes are not significantly disturbed;

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*Changes to legislation: There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)*

“relevant percentage” has the same meaning as in Schedule 1 (greenhouse gas emission criteria for bioliquid);

“relevant target” has the same meaning as in Schedule A1A (greenhouse gas emission criteria for solid and gaseous biomass);

“wetland area” means land that is covered with or saturated by water—

- (a) permanently; or
- (b) for a significant part of the year; and

“woody biomass” means biomass which—

- (a) is, or is derived from, wood (other than an energy crop);
- (b) is not a bioliquid.

#### **Land criteria: bioliquids**

2. A consignment of bioliquid meets the land criteria if the biomaterial from which the fuel was made—

- (a) was not obtained from a protected source;
- (b) was residue (other than residue from agriculture, aquaculture, fisheries or forestry); or
- (c) was waste.

#### **Land criteria: woody biomass**

3. A consignment of woody biomass meets the land criteria if—

- (a) at least 70% of the woody biomass was obtained from a sustainable source;
- (b) the woody biomass is used by the RO capacity of a generating station to generate electricity in a month in which at least 70% of all of the woody biomass used by the RO capacity of that generating station to generate electricity was obtained from a sustainable source; or
- (c) the woody biomass was certified by an environmental quality assurance scheme which ensures that at least 70% of the woody biomass certified by the scheme was obtained from a sustainable source.

#### **Land criteria: other fuels**

4. A consignment of fuel (other than bioliquid or woody biomass) meets the land criteria if the biomaterial from which the fuel was made—

- (a) was not obtained from a protected source;
- (b) was residue (other than residue from agriculture, aquaculture, fisheries or forestry);
- (c) was an energy crop in respect of which financial assistance was paid under the Energy Crops Regulations 2000 or under an equivalent financial assistance scheme; or
- (d) was added to the fuel for an exempt purpose.

#### **Protected sources**

5.—(1) For the purposes of paragraphs 2(a) and 4(a), biomaterial is obtained from a protected source if it is obtained from—

- (a) land which at any time during or after January 2008 was primary forest;

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

- (b) land which at any time during or after January 2008 was designated for nature protection purposes (unless the production of the biomaterial did not interfere with those nature protection purposes);
  - (c) highly biodiverse grassland (unless the harvesting of the biomaterial was necessary to preserve the grassland status);
  - (d) land which at any time during January 2008 was peatland (unless the cultivation and harvesting of the biomaterial did not involve the drainage of previously undrained soil);
  - (e) a former continuously forested area;
  - (f) except where sub-paragraph (2) or (4) applies to the biomaterial, a former lightly forested area; or
  - (g) a former wetland area.
- (2) This sub-paragraph applies to biomaterial obtained from a former lightly forested area where—
- (a) the fuel made from the biomaterial was not a bioliquid; and
  - (b) the greenhouse gas emissions from the use of the fuel to generate one mega joule of electricity did not exceed the relevant target.
- (3) For the purposes of sub-paragraph (2)(b), the greenhouse gas emissions must be calculated using the method provided for in Part 2 of Schedule A1A (actual value method for greenhouse gas emission criteria for solid and gaseous biomass).
- (4) This sub-paragraph applies to biomaterial obtained from a former lightly forested area where—
- (a) the fuel made from the biomaterial was a bioliquid; and
  - (b) the greenhouse gas emissions from the use of the bioliquid to generate electricity were lower, by at least the relevant percentage, than the greenhouse gas emissions from the use of fossil fuel.
- (5) For the purposes of sub-paragraph (4)(b), the percentage difference between the greenhouse gas emissions from the use of the bioliquid and the greenhouse gas emissions from the use of fossil fuel must be calculated using the method provided for in paragraphs 1, 2 and 5 to 18 of Part C of Annex 5 to the Renewables Directive.
- (6) For the purposes of this paragraph—
- (a) biomaterial was obtained from a former continuously forested area if the land—
    - (i) was a continuously forested area at any time during January 2008; and
    - (ii) was not a continuously forested area when the biomaterial was obtained from it;
  - (b) biomaterial was obtained from a former lightly forested area if the land—
    - (i) was a lightly forested area at any time during January 2008; and
    - (ii) was not a lightly forested area or a continuously forested area when the biomaterial was obtained from it; and
  - (c) biomaterial was obtained from a former wetland area if the land—
    - (i) was a wetland area at any time during January 2008; and
    - (ii) was not a wetland area when the biomaterial was obtained from it.

### **Sustainable source**

6.—(1) For the purposes of paragraph 3, woody biomass is obtained from a sustainable source if it—

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

- (a) was grown within an area of forest or other land which is managed—
    - (i) in a way which is consistent with—
      - (aa) the Forest Europe Sustainable Forest Management Criteria; or
      - (bb) a set of international principles for the sustainable management of land which meets the requirements specified in sub-paragraph (2); and
    - (ii) to meet the requirements specified in sub-paragraph (4);
  - (c) was residue from arboriculture carried out in an area which was not a forest;
  - (d) was added to the fuel for an exempt purpose; or
  - (e) was removed for the purpose of creating, restoring or maintaining the ecosystem of an area which was not a forest.
- (2) The requirements specified in this sub-paragraph are that—
- (a) the principles have been adopted following a process (“the principle setting process”) which sought to—
    - (i) obtain a balanced representation of the views of interest groupings;
    - (ii) ensure that no single interest grouping could dominate the principle setting process; and
    - (iii) ensure that no decision on the contents of the principles could be made in the absence of agreement from a majority within each interest grouping involved in the principle setting process; and
  - (b) can be changed by a process (“the change process”) which seeks to ensure that—
    - (i) no single interest grouping can dominate the process; and
    - (ii) no decision on changes to the principles can be made in the absence of agreement from a majority within each interest grouping involved in the change process.
- (3) For the purpose of sub-paragraph (2), each of the following is an interest grouping in relation to the forest or other location where the wood was grown—
- (a) persons with interests which are predominately economic in nature;
  - (b) persons with interests which are predominantly environmental in nature; and
  - (c) persons with interests which are predominantly social in nature.
- (4) The requirements specified in this sub-paragraph are—
- (a) harm to ecosystems is minimised, in particular by—
    - (i) assessing the impacts of the extraction of wood from the area and adopting plans to minimise any negative impacts;
    - (ii) protecting soil, water and biodiversity;
    - (iii) controlling the use of chemicals and ensuring that chemicals are used in an appropriate way;
    - (iv) wherever possible, using integrated pest management; and
    - (v) disposing of waste in a manner that minimises any negative impacts;
  - (b) the productivity of the area is maintained, in particular by—
    - (i) adopting plans to avoid significant negative impacts on productivity;
    - (ii) adopting procedures for the extraction of wood that minimise the impact on other uses of the area;
    - (iii) providing for all of the contractors and workers who are working in the area to be adequately trained in relation to the maintenance of productivity; and

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**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

- (iv) maintaining an adequate inventory of the trees in the area (including data on the growth of the trees and on the extraction of wood) so as to ensure that wood is extracted from the area at a rate which does not exceed its long-term capacity to produce wood;
  - (c) compliance with the requirements of head (b) is monitored, the results of that monitoring reviewed and planning updated accordingly;
  - (d) the health and vitality of ecosystems is maintained, in particular by—
    - (i) adopting plans to maintain or increase the health and vitality of ecosystems;
    - (ii) adopting plans to deal with natural processes or events such as fires, pests and diseases; and
    - (iii) taking adequate measures to protect the area from unauthorised activities such as illegal logging, mining and encroachment;
  - (e) biodiversity is maintained, in particular by—
    - (i) implementing safeguards to protect rare, threatened and endangered species;
    - (ii) conserving key ecosystems in their natural state; and
    - (iii) protecting features and species of outstanding or exceptional value;
  - (f) those responsible for the management of the area (and any contractors engaged by them) comply with the local and national laws relating to health and safety and the welfare of workers;
  - (g) those responsible for the management of the area have regard to—
    - (i) legal, customary and traditional rights of tenure and land use;
    - (ii) mechanisms for resolving grievances and disputes relating to tenure and land use rights, forest or land management practices and working conditions; and
    - (iii) safeguarding the health and safety and rights of workers;
  - (h) there is a regular assessment of the extent to which those responsible for the management of the area have met the requirements set out in heads (a) to (g).
- (5) In this paragraph—
- “the Forest Europe Sustainable Forest Management Criteria” means the criteria for sustainable forest management in Lisbon Resolution L2 of the third Ministerial Conference on the Protection of Forests in Europe held in June 1998;
- “integrated pest management” has the meaning given in Article 3(6) of Directive [2009/128/EC](#) of the European Parliament and of the Council establishing a framework for Community action to achieve the sustainable use of pesticides; and
- “local and national laws” in relation to a site means laws applying in the locality in which the site is situated, whether made at a local or national level.

### **Exempt purposes**

7. For the purposes of paragraphs 4(d) and 6(1)(d), biomaterial is added to a fuel for an exempt purpose if—

- (a) it is added to the fuel—
  - (i) to act as a binding agent; or
  - (ii) to reduce the emissions of dust, carbon dioxide, methane or nitrous oxide from the use of the fuel; and
- (b) it does not exceed 2% by weight of the fuel.]

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

## SCHEDULE 1

Articles 7, 8, 9, 10 and 12

## CALCULATION OF THE SROC OBLIGATION

<i>Obligation period</i>	<i>Number of SROCs per megawatt hour of electricity supplied in Great Britain</i>	<i>Number of SROCs per megawatt hour of electricity supplied in Northern Ireland</i>
1st April 2009 to 31st March 2010	0.097	0.035
1st April 2010 to 31st March 2011	0.104	0.040
1st April 2011 to 31st March 2012	0.114	0.050
1st April 2012 to 31st March 2013	0.124	0.063
1st April 2013 to 31st March 2014	0.134	0.063
1st April 2014 to 31st March 2015	0.144	0.063
1st April 2015 to 31st March 2016	0.154	0.063
Each subsequent period of twelve months ending with the period of twelve months ending on 31st March [ <sup>F4</sup> 2037]	0.154	0.063

**Textual Amendments**

- F4** Year in Sch. 1 Table substituted (1.4.2010) by [The Renewables Obligation \(Scotland\) Amendment Order 2010 \(S.S.I. 2010/147\)](#), arts. 1, **14** (with art. 17)

## SCHEDULE 2

Articles 27, 30, and 33

## ELECTRICITY TO BE STATED IN SROCs

**PART 1**

## INTERPRETATION

**1.—(1)** In this Schedule—

[<sup>F5</sup>“2009/11 dedicated biomass generating station” means a generating station which has, in any month after March 2009 and before November 2011, generated electricity—

- (a) only from biomass; and

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

(b) in respect of which SROCs were issued for all or part of the electricity so generated during that month;]

“AD” means electricity generated from gas formed by the anaerobic digestion of material which is neither sewage nor material in a landfill;

[<sup>F6</sup>“advanced gasification/pyrolysis” means electricity generated from an advanced fuel which—

(a) in the case of a gaseous fuel, has a gross calorific value when measured at 25 degrees Celsius and 0.1 megapascals at the inlet to the generating station which is at least 4 megajoules per metre cubed; and

(b) in the case of a liquid fuel, has a gross calorific value when measured at 25 degrees Celsius and 0.1 megapascals at the inlet to the generating station which is at least 10 megajoules per kilogram;]

F7 .....]

[<sup>F8</sup>“building mounted solar PV” means electricity generated from the direct conversion of sunlight into electricity by equipment not installed on the ground either—

(a) directly; or

(b) on a frame, plinth or other structure installed—

(i) on the ground; and

(ii) wholly or mainly for the purpose of supporting that equipment;]

[<sup>F8</sup>“closed landfill gas” means electricity generated—

(a) from landfill gas (other than electricity generated using the heat from a turbine or engine); and

(b) in a month in which the generating station generates electricity only from gas formed by the digestion of material in a landfill which has finally ceased to accept waste for disposal;]

F9 .....]

F9 .....]

F9 .....]

F9 .....]

[<sup>F8</sup>“co-firing of regular bioliquid” means electricity generated from regular bioliquid burned in a combustion unit in a month in which—

(a) the energy content of the biomass burned in that combustion unit is less than 100 per cent of the energy content of all of the energy sources burned in that combustion unit during that month; and

(b) the generating station generates electricity partly from fossil fuel and partly from renewable sources;]

[<sup>F8</sup>“co-firing of regular bioliquid with CHP” means electricity generated from regular bioliquid burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—

(a) the energy content of the biomass burned in that combustion unit is less than 100 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;

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(b) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and

(c) the fossil fuel and regular bioliquid have been burned in separate combustion units;]

[<sup>F10</sup>“dedicated biomass” means electricity generated from regular biomass by a generating station—

(a) which is not a relevant fossil fuel generating station; and

(b) in a month in which it generates electricity only from biomass;]

[<sup>F11</sup>“dedicated biomass with CHP” means electricity generated from regular biomass by a qualifying combined heat and power generating station—

(a) which is not a relevant fossil fuel generating station; and

(b) in a month in which it generates electricity only from biomass;]

[<sup>F12</sup>“dedicated energy crops” means electricity generated from energy crops by a generating station—

(a) which is not a relevant fossil fuel generating station; and

(b) in a month in which the generating station generates electricity only from energy crops or only from biomass;]

<sup>F13</sup> .....

“electricity generated from landfill gas” means electricity generated from gas formed by the digestion of material in a landfill;

“electricity generated from sewage gas” means electricity generated from gas formed by the anaerobic digestion of sewage (including sewage which has been treated or processed);

“energy from waste with CHP” means electricity generated from the combustion of waste (other than [<sup>F14</sup>an advanced fuel or] a fuel produced by means of anaerobic digestion<sup>F15</sup>...) in a qualifying combined heat and power generating station in a month in which the station generates electricity only from renewable sources and those renewable sources include waste which is not biomass;

[<sup>F16</sup>“enhanced tidal stream” means electricity generated from the capture of the energy created from the motion of naturally occurring tidal currents in water, where such electricity is not generated by devices built with or maintained by capital or revenue funding under a statutory grant programme operated by the Scottish Ministers or the Secretary of State [<sup>F17</sup>in respect of which a statutory grant was awarded on or before 19th September 2008];]

[<sup>F16</sup>“enhanced wave” means electricity generated from the motion of naturally occurring waves on water, where such electricity is not generated by devices built with or maintained by capital or revenue funding under a statutory grant programme operated by the Scottish Ministers or the Secretary of State [<sup>F18</sup>in respect of which a statutory grant was awarded on or before 19th September 2008];]

“geopressure” means electricity generated using naturally occurring subterranean pressure;

“geothermal” means electricity generated using naturally occurring subterranean heat;

[<sup>F8</sup>“ground mounted solar PV” means electricity generated from the direct conversion of sunlight into electricity by equipment installed on the ground either—

(a) directly; or

(b) on a frame, plinth or other structure installed—

(i) on the ground; and



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(ii) wholly or mainly for the purpose of supporting that equipment;]

[<sup>F8</sup>“high-range co-firing” means electricity generated from energy crops or regular solid or gaseous biomass burned in a combustion unit in a month in which—

- (a) the energy content of the biomass burned in that combustion unit is at least 85 per cent but is less than 100 per cent of the energy content of all of the energy sources burned in that combustion unit during that month; and
- (b) the generating station generates electricity partly from fossil fuel and partly from renewable sources;]

[<sup>F8</sup>“high-range co-firing with CHP” means—

- (a) electricity generated from regular solid or gaseous biomass burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—
  - (i) the energy content of the biomass burned in that combustion unit is at least 85 per cent but is less than 100 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;
  - (ii) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and
  - (iii) the fossil fuel and regular solid or gaseous biomass have been burned in separate combustion units;
- (b) electricity generated from energy crops burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—
  - (i) the energy content of the biomass burned in that combustion unit is at least 85 per cent but is less than 100 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;
  - (ii) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and
  - (iii) the fossil fuel and energy crops have been burned in separate combustion units;]

“hydroelectric” means electricity generated by a hydro generating station;

[<sup>F8</sup>“landfill gas heat recovery” means electricity generated using the heat from a turbine or engine, where the turbine or engine is generating electricity from landfill gas;]

[<sup>F8</sup>“low-range co-firing” means electricity generated from energy crops or regular solid or gaseous biomass burned in a combustion unit in a month in which—

- (a) the energy content of the biomass burned in that combustion unit is less than 50 per cent of the energy content of all of the energy sources burned in that combustion unit during that month; and
- (b) the generating station generates electricity partly from fossil fuel and partly from renewable sources;]

[<sup>F8</sup>“low-range co-firing with CHP” means—

- (a) electricity generated from regular solid or gaseous biomass burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—
  - (i) the energy content of the biomass burned in that combustion unit is less than 50 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;
  - (ii) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and

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**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

- (iii) the fossil fuel and regular solid or gaseous biomass have been burned in separate combustion units;
- (b) electricity generated from energy crops burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—
  - (i) the energy content of the biomass burned in that combustion unit is less than 50 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;
  - (ii) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and
  - (iii) the fossil fuel and energy crops have been burned in separate combustion units;]

[<sup>F8</sup>“mid-range co-firing” means electricity generated from energy crops or regular solid or gaseous biomass burned in a combustion unit in a month in which—

- (a) the energy content of the biomass burned in that combustion unit is at least 50 per cent but is less than 85 per cent of the energy content of all of the energy sources burned in that combustion unit during that month; and
- (b) the generating station generates electricity partly from fossil fuel and partly from renewable sources;]

[<sup>F8</sup>“mid-range co-firing with CHP” means—

- (a) electricity generated from regular solid or gaseous biomass burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—
  - (i) the energy content of the biomass burned in that combustion unit is at least 50 per cent but is less than 85 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;
  - (ii) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and
  - (iii) the fossil fuel and regular solid or gaseous biomass have been burned in separate combustion units;
- (b) electricity generated from energy crops burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—
  - (i) the energy content of the biomass burned in that combustion unit is at least 50 per cent but is less than 85 per cent of the energy content of all of the energy sources burned in that combustion unit during that month;
  - (ii) the generating station generates electricity partly from fossil fuel and partly from renewable sources; and
  - (iii) the fossil fuel and energy crops have been burned in separate combustion units;]

“offshore wind” means electricity generated from wind by a generating station that is offshore,  
<sup>F19</sup> ...

“onshore wind” means electricity generated from wind by a generating station that is not offshore;

[<sup>F8</sup>“regular bioliquid” means bioliquid other than—

- (a) advanced fuel;
- (b) fuel produced by means of anaerobic digestion;
- (c) energy crops;]

[<sup>F8</sup>“regular solid or gaseous biomass” means regular biomass other than bioliquid;]

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

[<sup>F8</sup>“relevant fossil fuel CHP generating station” means a relevant fossil fuel generating station which is a qualifying combined heat and power generating station;]

[<sup>F8</sup>“relevant fossil fuel generating station” means—

- (a) a generating station—
  - (i) which is not a 2009/11 dedicated biomass generating station; and
  - (ii) which has, in any 6 month period since it was first commissioned, generated electricity from fossil fuel, where the energy content of the fossil fuel was more than 15 per cent of the energy content of all of the energy sources used by the station to generate electricity during that 6 month period, or
- (b) a generating station—
  - (i) which is a 2009/11 dedicated biomass generating station; and
  - (ii) which has, in any 6 month period since 1st November 2011, generated electricity from fossil fuel, where the energy content of the fossil fuel was more than 15 per cent of the energy content of all of the energy sources used by the station to generate electricity during that 6 month period;]

“solar photovoltaic” means electricity generated from the direct conversion of sunlight into electricity;

[<sup>F20</sup>“standard gasification/pyrolysis” means electricity generated from an advanced fuel which—

- (a) in the case of a gaseous fuel, has a gross calorific value when measured at 25 degrees Celsius and 0.1 megapascals at the inlet to the generating station which is at least two megajoules per metre cubed but is less than 4 megajoules per metre cubed; and
- (b) in the case of a liquid fuel, has a gross calorific value when measured at 25 degrees Celsius and 0.1 megapascals at the inlet to the generating station which is less than 10 megajoules per kilogram;]

<sup>F21</sup> .....

[<sup>F8</sup>“station conversion” means electricity generated—

- (a) from regular biomass or from energy crops;
- (b) by a relevant fossil fuel generating station; and
- (c) in a month in which the station generates electricity only from biomass or only from energy crops;]

[<sup>F8</sup>“station conversion with CHP” means electricity generated—

- (a) from regular biomass or from energy crops;
- (b) by a relevant fossil fuel CHP generating station; and
- (c) in a month in which the station generates electricity only from biomass or only from energy crops;]

“tidal impoundment – tidal barrage” means electricity generated by a generating station driven by the release of water impounded behind a barrier using the difference in tidal levels where the barrier is connected to both banks of a river and the generating station has a declared net capacity of less than 1 gigawatt;

“tidal impoundment – tidal lagoon” means electricity generated by a generating station driven by the release of water impounded behind a barrier using the difference in tidal levels where the barrier is not a tidal barrage and the generating station has a declared net capacity of less than 1 gigawatt;

*Status: Point in time view as at 01/12/2015.*

*Changes to legislation: There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)*

“tidal stream” means electricity generated from the capture of the energy created from the motion of naturally occurring tidal currents in water; and

[<sup>F8</sup>“unit conversion” means electricity generated from regular biomass or energy crops burned in a combustion unit in a month in which—

- (a) that combustion unit burns only biomass or burns only energy crops; and
- (b) the generating station generates electricity partly from fossil-fuel and partly from renewable sources;]

[<sup>F8</sup>“unit conversion with CHP” means electricity generated from regular biomass or energy crops burned by a qualifying combined heat and power generating station in a combustion unit in a month in which—

- (a) that combustion unit burns only biomass or burns only energy crops; and
- (b) the generating station generates electricity partly from fossil fuel and partly from renewable sources;]

“wave” means electricity generated from the capture of the energy created from the motion of naturally occurring waves on water.

(2) For the purposes of this Schedule—

- (a) fossil fuel does not include waste which is a renewable source; <sup>F22</sup>...
- (b) in determining how electricity has been generated, no account is to be taken of any fossil fuel or waste which a generating station uses for permitted ancillary purposes;
- [<sup>F23</sup>(c) in determining the energy content of the energy sources used by a generating station to generate electricity, no account is to be taken of any fossil fuel or waste which the station uses for permitted ancillary purposes; and
- (d) in determining the energy content of the energy sources burned in a combustion unit, no account is to be taken of any fossil fuel or waste which is used—
  - (i) in that combustion unit for a purpose listed in article 22(3)(a); and
  - (ii) in a month in which the energy content of the fossil fuel or waste used in that combustion unit for a purpose listed in article 22(3)(a) (or, where both fossil fuel and waste are so used during a month, their combined energy content) does not exceed 10 per cent of the energy content of all of the energy sources burned in that combustion unit during that month.]

#### Textual Amendments

- F5** Words in Sch. 2 para. 1(1) inserted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(2)** (with art. 29)
- F6** Words in Sch. 2 para. 1(1) substituted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(3)** (with art. 29)
- F7** Words in Sch. 2 para. 1(1) omitted (1.4.2013) by virtue of [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(4)** (with art. 29)
- F8** Words in Sch. 2 para. 1(1) inserted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(5)** (with art. 29)
- F9** Words in Sch. 2 para. 1(1) omitted (1.4.2013) by virtue of [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(6)** (with art. 29)
- F10** Words in Sch. 2 para. 1(1) substituted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(9)** (with art. 29)
- F11** Words in Sch. 2 para. 1(1) substituted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **26(10)** (with art. 29)

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

<b>F12</b>	Words in Sch. 2 para. 1(1) substituted (1.4.2013) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(11)</b> (with art. 29)
<b>F13</b>	Words in Sch. 2 para. 1(1) omitted (1.4.2013) by virtue of <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(7)</b> (with art. 29)
<b>F14</b>	Words in Sch. 2 para. 1(1) inserted (1.4.2013) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(12)(a)</b> (with art. 29)
<b>F15</b>	Words in Sch. 2 para. 1(1) omitted (1.4.2013) by virtue of <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(12)(b)</b> (with art. 29)
<b>F16</b>	Words in Sch. 2 Pt. 1 para. 1(1) inserted (17.7.2009) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2009 (S.S.I. 2009/276)</a> , arts. 1, <b>2(2)(a)</b>
<b>F17</b>	Words in Sch. 2 Pt. 1 para. 1(1) inserted (1.4.2011) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2011 (S.S.I. 2011/225)</a> , arts. 1, <b>17(a)</b> (with art. 19)
<b>F18</b>	Words in Sch. 2 Pt. 1 para. 1(1) inserted (1.4.2011) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2011 (S.S.I. 2011/225)</a> , arts. 1, <b>17(b)</b> (with art. 19)
<b>F19</b>	Words in Sch. 2 Pt. 1 para. 1(1) omitted (1.4.2011) by virtue of <a href="#">The Renewables Obligation (Scotland) Amendment Order 2011 (S.S.I. 2011/225)</a> , arts. 1, <b>17(c)</b> (with art. 19)
<b>F20</b>	Words in Sch. 2 para. 1(1) substituted (1.4.2013) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(13)</b> (with art. 29)
<b>F21</b>	Words in Sch. 2 para. 1(1) omitted (1.4.2013) by virtue of <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(8)</b> (with art. 29)
<b>F22</b>	Word in Sch. 2 para. 1(2)(a) omitted (1.4.2013) by virtue of <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(14)</b> (with art. 29)
<b>F23</b>	Sch. 2 para. 1(2)(c)(d) inserted (1.4.2013) by <a href="#">The Renewables Obligation (Scotland) Amendment Order 2013 (S.S.I. 2013/116)</a> , arts. 1(1), <b>26(15)</b> (with art. 29)

Articles 27(4) and (9) and 33(3)

## [<sup>F24</sup>PART 2

### AMOUNT OF ELECTRICITY TO BE STATED IN SROCs ISSUED FOR ELECTRICITY GENERATED USING PRE-2013 CAPACITY

#### Textual Amendments

**F24** Sch. 2 Pt. 2 substituted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), **27** (with art. 29)

<i>Generation type</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued for electricity generated using pre-2013 capacity</i>
AD	12
Advanced gasification/pyrolysis	12
Co-firing of regular bioliquid	2
Dedicated biomass	23
Dedicated energy crops	12
Electricity generated from landfill gas	4

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

<i>Generation type</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued for electricity generated using pre-2013 capacity</i>
Electricity generated from sewage gas	2
Energy from waste with CHP	1
Enhanced tidal stream	13
Enhanced wave	15
Geopressure	1
Geothermal	12
High-range co-firing	109
Hydroelectric	1
Low-range co-firing	2
Mid-range co-firing	53
Offshore wind	12
Onshore wind	1
Solar photovoltaic	12
Standard gasification/pyrolysis	1
Station conversion	1
Tidal impoundment – tidal barrage	12
Tidal impoundment – tidal lagoon	12
Tidal stream	12
Unit conversion	1
Wave	12
	1

Articles 27(5) to (8),(10) and 33(3)

## [<sup>F25</sup>PART 2A

### AMOUNT OF ELECTRICITY TO BE STATED IN SROCs ISSUED FOR ELECTRICITY GENERATED USING 2013/14 CAPACITY, 2014/15 CAPACITY, 2015/16 CAPACITY OR POST-2016 CAPACITY

#### Textual Amendments

**F25** Sch. 2 Pts. 2A-2D inserted (1.4.2013) by [The Renewables Obligation \(Scotland\) Amendment Order 2013 \(S.S.I. 2013/116\)](#), arts. 1(1), 28 (with art. 29)

**Status:** Point in time view as at 01/12/2015.**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

Generation type	Amount of electricity (in megawatt hours) to be stated in a SROC issued for electricity generated using—			
	2013/14 capacity	2014/15 capacity	2015/16 capacity	post-2016 capacity
AD	12	12	1019	59
Advanced gasification/ pyrolysis	12	12	1019	59
Building mounted solar PV	1017	58	23	57
Closed landfill gas	5	5	5	5
Co-firing of regular bioliquid	2	2	2	2
Dedicated biomass	23	23	23	57
Dedicated energy crops	12	12	1019	59
Electricity generated from sewage gas	2	2	2	2
Energy from waste with CHP	1	1	1	1
Enhanced tidal stream	13	13	13	13
Enhanced wave	15	15	15	15
Geopressure	1	1	1	1
Geothermal	12	12	1019	59
Ground mounted solar PV	58	57	1013	56
High-range co-firing	109	109	109	109
Hydroelectric	1	1	1	1
Landfill gas heat recovery	10	10	10	10
Low-range co-firing	2	2	2	2
Mid-range co-firing	53	53	53	53
Offshore wind	12	12	1019	59
Onshore wind	109	109	109	109
Standard gasification/ pyrolysis	12	12	1019	59
Station conversion	1	1	1	1
Tidal impoundment – tidal barrage	12	12	1019	59

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

<i>Generation type</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued for electricity generated using—</i>			
	<i>2013/14 capacity</i>	<i>2014/15 capacity</i>	<i>2015/16 capacity</i>	<i>post-2016 capacity</i>
Tidal impoundment – tidal lagoon	12	12	1019	59
Tidal stream	12	12	12	12
Unit conversion	1	1	1	1
Wave	12	12	12	12

Article 28(3) and (4)

## [<sup>F25</sup>PART 2B

### AMOUNT OF ELECTRICITY TO BE STATED IN SROCS ISSUED FOR ELECTRICITY GENERATED USING PRE-2013 CAPACITY OR 2013/15 CAPACITY WHERE ARTICLE 28(3) OR (4) APPLIES

<i>Generation type</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued in respect of the qualifying proportion of electricity generated using pre-2013 capacity or 2013/15 capacity</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued in respect of the remainder of the electricity generated using pre-2013 capacity or 2013/15 capacity</i>
Co-firing of regular bioliquid with CHP	1	2
Dedicated biomass with CHP	12	23
High-range co-firing with CHP	57	109
Low-range co-firing with CHP	1	2
Mid-range co-firing with CHP	1011	53
Station conversion with CHP	23	1
Unit conversion with CHP	23	1]

Article 28(5)



**Status:** Point in time view as at 01/12/2015.**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)[<sup>F25</sup>PART 2CAMOUNT OF ELECTRICITY TO BE STATED IN SROCS  
ISSUED FOR ELECTRICITY GENERATED USING  
2015/16 CAPACITY WHERE ARTICLE 28(5) APPLIES

<i>Generation type</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued in respect of the qualifying proportion of electricity generated using 2015/16 capacity</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued in respect of the remainder of the electricity generated using 2015/16 capacity</i>
Co-firing of regular bioliquid with CHP	1	2
Dedicated biomass with CHP	1019	23
High-range co-firing with CHP	57	109
Low-range co-firing with CHP	1	2
Mid-range co-firing with CHP	1011	53
Station conversion with CHP	23	1
Unit conversion with CHP	23	1]

Article 28(6)

[<sup>F25</sup>PART 2DAMOUNT OF ELECTRICITY TO BE STATED IN SROCS  
ISSUED FOR ELECTRICITY GENERATED USING  
POST-2016 CAPACITY WHERE ARTICLE 28(6) APPLIES

<i>Generation type</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued in respect of the qualifying proportion of electricity generated using post-2016 capacity</i>	<i>Amount of electricity (in megawatt hours) to be stated in a SROC issued in respect of the remainder of the electricity generated using post-2016 capacity</i>
Co-firing of regular bioliquid with CHP	1	2
Dedicated biomass with CHP	59	57
High-range co-firing with CHP	57	109
Low-range co-firing with CHP	1	2
Mid-range co-firing with CHP	1011	53
Station conversion with CHP	23	1
Unit conversion with CHP	23	1]

**Status:** Point in time view as at 01/12/2015.  
**Changes to legislation:** There are currently no known outstanding effects for the The  
 Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

### PART 3

#### AMOUNT OF ELECTRICITY TO BE STATED IN RENEWABLES OBLIGATION CERTIFICATES WHERE ARTICLE 30(3) APPLIES

<i>Generation type</i>	<i>Amount of electricity to be stated in a renewables obligation certificate</i>
Electricity generated from landfill gas	
Electricity generated from sewage gas	
Offshore wind	1 megawatt hour
Wave	
Solar photovoltaic	

### PART 4

#### AMOUNT OF ELECTRICITY TO BE STATED IN RENEWABLES OBLIGATION CERTIFICATES WHERE ARTICLE 30(5) OR ARTICLE 31(4) APPLIES

<i>Generation type</i>	<i>Amount of electricity to be stated in a renewables obligation certificate</i>
Electricity generated from landfill gas	
Electricity generated from sewage gas	1 megawatt hour

#### SCHEDULE 3

Article 48(3)

#### AMOUNT OF RELEVANT SHORTFALL FOR THE RELEVANT OBLIGATION PERIOD

<i>Obligation period</i>	<i>Amount</i>
1st April 2008 to 31st March 2009	£910,000
1st April 2009 to 31st March 2010	£970,000
1st April 2010 to 31st March 2011	£1,040,000
1st April 2011 to 31st March 2012	£1,140,000
1st April 2012 to 31st March 2013	£1,240,000
1st April 2013 to 31st March 2014	£1,340,000
1st April 2014 to 31st March 2015	£1,440,000
1st April 2015 to 31st March 2016	£1,540,000
Each subsequent period of twelve months ending with the period of twelve months ending on 31st March [ <sup>F26</sup> 2037]	£1,540,000

**Textual Amendments**

**F26** Year in Sch. 3 substituted (1.4.2010) by [The Renewables Obligation \(Scotland\) Amendment Order 2010 \(S.S.I. 2010/147\)](#), arts. 1, **16** (with art. 17)

<sup>F27</sup>SCHEDULE 3A

Articles 2(1) and 54

**Textual Amendments**

**F27** Schs. 3A, 3B omitted (1.12.2015) by virtue of [The Renewables Obligation \(Scotland\) Amendment Order 2015 \(S.S.I. 2015/384\)](#), arts. 1(1), **15** (with art. 16)

<sup>F27</sup>SCHEDULE 3B

Article 54

SCHEDULE 4

Article 59

THE REGISTER

1. The Authority must establish and maintain the Register referred to in article 59 (which may be in electronic form) at one or more of its premises.
2. The Register must identify whether or not a SROC subsists and details of its particulars.
3. Particulars of a SROC comprise—
  - (a) the name of the person to whom the Authority issues the SROC or, where the Authority has amended the Register in dealing with a request for substitution in accordance with paragraph 7, the name of the substitute (“the registered holder”); and
  - (b) an identifier unique to the SROC (“the SROC identifier”) determined by the Authority and containing the following information (or reference to that information in coded format)—
    - (i) the month and year during which the electricity was generated;
    - (ii) the location of the generating station or, where the SROC certifies the matters within section 32B(5), (6) or (8) of the Act, the location of the agent to whom, by virtue of article 35, the SROC was issued;
    - (iii) a description of that generating station or, where the SROC certifies the matters within section 32B(5), (6) or (8) of the Act, the generating stations to which the SROC relates, including reference to the renewable source or sources used by it or them to generate electricity;
    - (iv) the date of issue of the SROC; and
    - (v) the number given to the SROC by the Authority.

**Status:** Point in time view as at 01/12/2015.

**Changes to legislation:** There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009. (See end of Document for details)

4. A person may only be the registered holder of a SROC or have an entry made and maintained in respect of them under article 59(3)(b) if they provide to the Authority in writing—

- (a) evidence of their identity; and
- (b) where persons are authorised to act on their behalf in respect of the production of SROCs under article 5(2) or in respect of requests for amendments to be made to the Register as provided for in this Schedule, details of those persons.

5. The Authority may from time to time draw up procedural guidelines for itself and others to assist it in maintaining the Register and carrying out its functions in respect thereof.

6. The Authority must delete from the Register any SROC which—

- (a) has been revoked by it;
- (b) has been produced to it under article 5(2);
- (c) is no longer eligible to be produced to it under article 5(2);
- (d) it is asked to delete from the Register by the registered holder of the SROC; or
- (e) has been (according to the Northern Ireland authority) produced to the Northern Ireland authority by a Northern Ireland supplier under a NIRO Order,

and where a SROC is so deleted, it cannot thereafter be produced to the Authority under article 5(2).

7. Where the registered holder of a SROC and a person whom the holder wishes to be the registered holder of it require the Register to be amended, by substituting for the name of the registered holder the name of the other person (“the substitute”), (who must be a person whose name is included on the list referred to in article 59(3)(b))—

- (a) the registered holder and the substitute must each submit to the Authority in writing requests which are identical in all material respects; and
- (b) where the requirements of sub-paragraph (a) are met, the Authority must, within 5 banking days after the banking day on which (at the commencement of its working hours) it is first in possession of the requests, amend the particulars of the SROC recorded in the Register to show the substitute as the registered holder.

8. Where the Authority receives requests under paragraph 7(a) it must inform both the registered holder of the SROC and the substitute that the requests have been received and, in the event that the requests are not identical in all material respects, must draw this to their attention.

9. Where—

- (a) a SROC is issued under this Order; or
- (b) a substitute is recorded as the registered holder of a SROC pursuant to paragraph 7,

the Authority must notify the registered holder or, as the case may be, the former and new registered holder of that fact in writing within 5 banking days of the issue or substitution having taken place.

10. The substitute cannot be the registered holder of a SROC until such time as the particulars of the SROC recorded in the Register identify the substitute as such.

11. The Register may be amended by a decision of the Authority—

- (a) where the Authority is satisfied that an entry in the Register has been obtained by fraud;
- (b) where a decision of a Court of competent jurisdiction or the operation of law requires the amendment of the Register;
- (c) where the Authority is satisfied that, for some other reason, it is necessary to amend the Register (for example, because an entry in it is incorrect).

**12.** The contents of the Register (including the entries referred to in article 59(3)(b)) must be available for inspection by the public on request at reasonable notice during the Authority's working hours and at the request of any person the Authority must provide a written statement of any entry on the Register including any entry referred to in article 59(3)(b).

**13.** Where any person considers that an entry maintained in respect of them under article 59(3)(b) should be amended or deleted, they may apply to the Authority in writing requesting that the entry be amended or deleted.

**14.** The Authority must in any procedural guidelines which it produces provide details of its usual working hours.

**15.** In this Schedule “banking day” means a day on which banks are generally open in the City of London excluding Saturdays and Sundays.

**Status:**

Point in time view as at 01/12/2015.

**Changes to legislation:**

There are currently no known outstanding effects for the The Renewables Obligation (Scotland) Order 2009.