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DRAFT STATUTORY INSTRUMENTS

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**2018 No.**

**The Renewable Heat Incentive Scheme Regulations 2018**

**PART 7**

Periodic support payments

**Periodic support payments for CHP systems using biomass or biogas in combination with other sources of energy**

**67.**—(1) This regulation applies in relation to an accredited RHI installation which is a CHP system where the total installed peak heat output capacity of all the combustion units in respect of which that CHP system has been accredited is less than the total installed peak heat output capacity of all combustion units forming part of that CHP system.

(2) Subject to regulations 31(2), 68, 69 and 74, where this regulation applies, participants are to be paid periodic support payments for the installation in respect of each quarterly period calculated in accordance with the following formula—

$$(A \times B) + (C \times (D - E))$$

where—

- (a) A is the tariff in respect of any heat generated by the installation using solid biomass determined in accordance with regulation 59;
- (b) B is the kWhth of heat generated by the installation from solid biomass (including solid biomass contained in waste) in any combustion unit in respect of which the CHP system has been accredited and which is used for eligible purposes, calculated in accordance with paragraph (3);
- (c) C is the tariff in respect of any heat generated using biogas determined in accordance with regulation 59;
- (d) D is the kWhth of heat generated by the installation from biogas in any combustion unit in respect of which the CHP system has been accredited and which is used for eligible purposes, calculated in accordance with paragraph (4);
- (e) E is—
  - (i) the heat in kWhth delivered in the relevant quarterly period to the biogas production plant which produced the biogas combusted in a combustion unit to which regulation 12(2)(b) or 13 applies (other than heat contained in any feedstock used to produce that biogas); or
  - (ii) such proportion (as may be chosen by the participant and agreed by the Authority) of that heat provided that the proportion is no less than—

$$\frac{x}{y}$$

where—

- (aa) x is the heat produced by that biogas in a combustion unit to which regulation 12(2)(b) or 13 applies and which is used for eligible purposes; and
- (bb) y is the energy content of all the biogas produced by that biogas production plant.

(3) B must be calculated in accordance with the following formula—

$$B = HCHP \times FIB \div (FIB + FI_{other})$$

where—

- (a) HCHP is the total heat in kWhth generated by the CHP system in the relevant quarterly period which is used for eligible purposes;
  - (b) FIB is the energy content of—
    - (i) the solid biomass (excluding the energy content of any fossil fuel contamination in such biomass) burned in a combustion unit to which regulation 12(2)(b) or 13 applies; or
    - (ii) the solid biomass contained in waste burned in a combustion unit to which regulation 12(2)(b) applies,and used in the CHP system to generate heat and power during the relevant quarterly period;
  - (c) FI<sub>other</sub> is the energy content of all other fuel used in the CHP system in the relevant quarterly period, including the energy content of any fossil fuel contamination or fossil fuel used in the CHP system for permitted ancillary purposes in accordance with regulation 37 or 38.
- (4) D must be calculated in accordance with the following formula—

$$D = HCHP \times FID \div (FID + FI_{other})$$

where—

- (a) HCHP is the total heat in kWhth generated by the CHP system during the relevant quarterly period which is used for eligible purposes;
- (b) FID is the energy content of the biogas used in the CHP system during the relevant quarterly period;
- (c) FI<sub>other</sub> is the energy content of all other fuel used in the CHP system during the relevant quarterly period, including the energy content of any fossil fuel used in the CHP system for permitted ancillary purposes in accordance with regulation 37 or 38.