
DRAFT STATUTORY INSTRUMENTS

2014 No.

**The Domestic Renewable Heat
Incentive Scheme Regulations 2014**

PART 5

RHI payments

Calculation of eligible metered heat generated by heat pumps

31.—(1) Subject to paragraph (10), the eligible metered heat in kWh for an accredited domestic plant which is a heat pump for any quarterly period is calculated in accordance with the following formula—

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

where—

- (a) A is calculated in accordance with paragraph (2);
 - (b) B is calculated in accordance with paragraph (3);
 - (c) C is calculated in accordance with paragraph (5);
 - (d) D is calculated in accordance with paragraph (7); and
 - (e) E is calculated in accordance with paragraph (8).
- (2) A is—
- (a) 0.97 if any of the heat referred to in paragraph (3) is generated by an accredited domestic plant which is an air source heat pump for the purposes of defrosting; or
 - (b) 1 in any other case.
- (3) Subject to paragraph (4), B is the heat in kWh recorded by eligible meters positioned in accordance with regulation 16 generated by—
- (a) the components of the accredited domestic plant specified in the metering statement as being included in this calculation; or
 - (b) the components referred to in sub-paragraph (a) and any additional plants if the heat generated by the accredited domestic plant is recorded together with the heat generated by such additional plants.
- (4) Where any of the heat referred to in paragraph (3) is recorded at the point where it leaves a domestic hot water cylinder, the heat recorded at that point is multiplied by 1.43 before being included (with the heat recorded at any other point) in B.
- (5) C is—
- (a) subject to paragraph (6), the heat in kWh generated by any additional plants included in B if the relevant metering statement specifies that eligible meters must be installed in accordance with regulation 16(3), or if it specifies that eligible meters must be installed in

accordance with regulation 16(5) and the authorised metering arrangement provides for eligible meters to be located to record such heat; or

(b) 0 in any other case.

(6) Where any heat generated by any additional plants included in B is generated by an air source heat pump for the purposes of defrosting, all heat generated by that air source heat pump is multiplied by 0.97 before being included in C.

(7) D is—

(a) the energy content in kWh of any fuel which is used by the accredited domestic plant or any additional plants when generating the heat included in B if the relevant metering statement specifies that eligible meters must be installed in accordance with—

(i) regulation 16(4); or

(ii) regulation 16(5) and the authorised metering arrangement provides for eligible meters to be located to record such relevant energy consumption; or

(b) 0 in any other case.

(8) E is—

(a) subject to paragraph (9), the electricity consumption in kWh by the accredited domestic plant and any additional plants used to generate the heat referred to in paragraph (3) if the relevant metering statement specifies that eligible meters must be installed in accordance with—

(i) regulation 16(2), (3) or (4); or

(ii) regulation 16(5) and the authorised metering arrangement provides for eligible meters to be located to record such relevant energy consumption; or

(b) 0 in any other case.

(9) Any electricity consumed when providing cooling is excluded from the electricity consumption referred to in paragraph (8)(a) before that consumption is included in E if—

(a) the relevant metering statement states that eligible meters must be installed in accordance with regulation 16(5); and

(b) the authorised metering arrangement provides for eligible meters to be located to record—

(i) electricity consumption by the accredited domestic plant while the plant is providing cooling to the RHI property separately from any other electricity consumption; or

(ii) sufficient information about the accredited domestic plant to enable the electricity consumption when providing cooling to be determined.

(10) Where the plant is a ground source heat pump, its eligible metered heat is the heat extracted from the ground (including water in the ground), surface water or both if—

(a) the relevant metering statement states that eligible meters must be installed in accordance with regulation 16(5); and

(b) the authorised metering arrangement provides for eligible meters to be located to record such heat.

(11) In this regulation—

“relevant energy consumption” has the same meaning as in regulation 16; and

“relevant metering statement” means the metering statement for the accredited domestic plant.