

DRAFT STATUTORY INSTRUMENTS

2015 No.

The Renewables Obligation Order 2015

PART 6

Banding

Calculating the amount of electricity generated in a particular way

32.—(1) References in this Part to a way of generating electricity are references to—

- (a) one of the ways of generating electricity described in the first column of Parts 2, 3 or 5 of Schedule 5;
- (b) generating electricity in the way described in article 36(1)(c);
- (c) generating electricity in the way described in article 36(1)(c) and (3)(b);
- (d) generating electricity from renewable sources in a way not falling within sub-paragraph (a), (b) or (c).

(2) Paragraph (3) applies for the purposes of this Part.

(3) Where during any month the RO eligible renewable output of a generating station is generated in two or more ways, the proportion of the station's RO eligible renewable output which is generated in each of those ways is—

- (a) in the case of electricity generated in a way that does not use fuel, $C \div B$;
- (b) in the case of electricity generated using mixed gas in the way described as "AD" in

Schedule 5, $\frac{D}{B} \times \frac{E}{F} \times \frac{G}{H}$;

- (c) in the case of electricity generated using mixed gas in the way described as "electricity generated from sewage gas" in Schedule 5, $\frac{D}{B} \times \frac{E}{F} \times \frac{I}{H}$;

- (d) in the case of electricity generated in a way not falling within sub-paragraph (a), (b) or

(c), $\frac{D}{B} \times \frac{J}{F}$.

(4) In paragraph (3)—

- (a) B is the total installed capacity of the RO capacity of the station in that month;
- (b) C is the maximum capacity in that month at which the station could generate electricity—
 - (i) in the way in question,
 - (ii) using RO capacity, and
 - (iii) for a sustained period without causing damage to the station (assuming the source of power used by the station to generate electricity was available to it without interruption);

- (c) D is the maximum capacity in that month at which the station could generate electricity—
 - (i) from fuel,
 - (ii) using RO capacity, and
 - (iii) for a sustained period without causing damage to the station (assuming the fuel used by the station to generate electricity was available to it without interruption);
 - (d) E is the energy content of the mixed gas used in generating the station’s RO output electricity during that month less the energy content of any fossil fuel from which the mixed gas is in part composed;
 - (e) F is the energy content of all of the renewable sources used in generating the station’s RO output electricity during that month less the energy content of any fossil fuel from which those renewable sources are in part composed;
 - (f) G is the dry mass of—
 - (i) any renewable waste (other than sewage), and
 - (ii) any biomass (other than sewage or renewable waste),from which the mixed gas used in generating the station’s RO output electricity during that month is formed, less the dry mass of any digestible fossil fuel from which that waste or biomass is in part composed;
 - (g) H is the dry mass of all of the material from which the mixed gas used in generating the station’s RO output electricity during that month is formed, less the dry mass of any digestible fossil fuel from which that material is in part composed;
 - (h) I is the dry mass of the sewage from which the mixed gas used in generating the station’s RO output electricity during that month is formed; and
 - (i) J is the energy content of the renewable sources used in generating the station’s RO output electricity in the way in question during that month less the energy content of any fossil fuel from which those renewable sources are in part composed.
- (5) For the purposes of paragraphs (3) and (4)(c), electricity generated in the way described as “landfill gas heat recovery” in Schedule 5 is to be regarded as not generated from fuel.
- (6) In this article—
- “dry mass”, in relation to a fuel, means the mass of the fuel when any water present in it has been removed; and
- “mixed gas” means gas formed by the anaerobic digestion of sewage together with—
- (a) renewable waste (other than sewage), or
 - (b) biomass (other than sewage).