

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

RWE Generation UK Plc
Littlebrook Power Station
Manor Way
Dartford
Kent
DA1 5PT

Variation application number

EPR/CP3437SS/V004

Permit number

EPR/CP3437SS

Littlebrook Power Station

Permit number EPR/CP3437SS

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The requirements of the Industrial Emissions Directive (IED) 2010/75/EU are given force in England through the Environmental Permitting (England and Wales) Regulations 2010 (the EPR) (as amended).

This variation notice refers to the operation of large combustion plant (LCP), as defined by articles 28 and 29 of the Industrial Emissions Directive (IED). Environmental Permit EPR/CP3437SS has been varied by the Environment Agency to facilitate the implementation of the special provisions for LCP given in the IED, by the 1 January 2016 (Article 82(3)). The IED makes special provisions for LCP under Chapter III.

This variation notice sets condition 2.1.2 into Environmental Permit EPR/CP3437SS to ensure that the site can only operate in accordance with Chapter III of the Industrial Emissions Directive. The Operator, RWE Generation UK plc, must demonstrate their compliance with Chapter III of the Industrial Emissions Directive, should they wish to operate the site and must have obtained written approval from the Environment Agency before operating.

The current installation (also known as 'Littlebrook D') is the fourth power station to be built on location, construction having commenced in 1974 with electricity first being produced in 1981. Littlebrook Power Station is a 2160 MWe power station comprising of 3 x 685 MWe heavy fuel fired main boiler units, 3 x 35 MWe open cycle gas turbines (for emergency start up and peak lopping duties), and 5 x 20 MWth auxiliary boilers (for heating, fuel heating and atomising steam). Liquid biomass has recently been successfully trialled as a fuel. Of the 3 main boiler units, only 2 units are currently fully operational, the third having been mothballed in the mid-1990s.

The combustion products from the main boilers are emitted to atmosphere via 3 flues contained within a single 210m high stack. The operational main boilers discharge through a common electrostatic precipitator via 2 flues. There is facility if required, to neutralise acidic combustion products by treating with magnesium hydroxide.

The combustion products from the auxiliary boilers and open cycle gas turbines (OCGT) are discharged via individual flues contained within a second stack which is 75 m high.

This introductory note also confirms the updated LCP numbers in accordance with the most recent DEFRA LCP reference numbers. The LCP reference is changed as follows:

- LCP 245 is changed to LCP 279; and
- LCP 246 is changed to LCP 280

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application CP3437SS	Duly made 31/03/06	
Request for additional information for the application site report	05/02/07	28/02/07
Request to extend determination period	25/07/06	27/07/06
Request to extend determination period	28/09/06	10/10/06

Status log of the permit		
Description	Date	Comments
Request to extend determination period	20/12/06	03/01/07
Permit determined	30/03/07	
Variation determined EPR/CP3437SS/V002	26/02/13	Environment Agency Initiated Variation, to incorporate Eel Regulations improvement condition.
Notified of change of company name	13/11/14	Name changed to RWE Generation UK Plc.
Variation issued EPR/CP3437SS/V003	02/12/14	Varied permit issued to RWE Generation UK Plc.
Variation determined EPR/CP3437SS/V004 (PAS Billing ref:ZP3338AG)	21/12/15	Agency initiated variation to include condition 2.1.2 requiring the operator to provide evidence that the facility will operate in accordance with Chapter III of the Industrial Emissions Directive. Varied permit issued.

Other existing licences/authorisations/registrations relating to this site		
Operator	Permit number	Date of issue
RWE Generation UK Plc	Water Abstraction licence Number 9-40-1-525-S	29/09/79

End of introductory note.

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number

EPR/CP3437SS

Issued to

RWE Generation UK Plc (“the operator”)

whose registered office is

Windmill Hill Business Park

Whitehill Way

Swindon

Wiltshire

SN5 6PB

company registration number **03892782**

to operate a regulated facility at

Littlebrook Power Station

Manor Way

Dartford

Kent

DA1 5PT

to the extent set out in the schedules.

The notice shall take effect from 01/01/2016

Name	Date
J Linton	21/12/2015

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

None.

Schedule 3 – conditions to be added

The following conditions are added following an Environment Agency initiated variation

- 2.1.2 No activities, listed in Section 1.1 A(1)(a) of the environmental permitting regulations, authorised by this permit shall take place unless the operator has submitted a report in writing to the Environment Agency for approval, demonstrating compliance with Chapter III of the Industrial Emissions Directive, and has obtained written approval from the Environment Agency.