

Form Name

IED Reporting - Energy Usage & Emissions for the year:

2016

Operator: RWE Generation UK

Site Location: Aberthaw Power Station

Permit/Variation number: RP3133LD LCP: 283

LCP Net Rated Thermal Input Capacity (MW): 4082

Parameter	TOTAL	By Fuel					
		Coal	Lignite	Peat	Biomass	Other solid	Liquid fuels
Annual energy input (TJ)	64986.8	63116.5			393.5	155.7	1321.0
Total Annual SO ₂ emission (tonnes)	3416.05						
Total Annual NO _x emission (tonnes)	17152.1						
Total Annual Dust (PM) emission (tonnes)	246.13						

Signed on behalf of the Operator

A. Zaitsher

Date 14/03/2017

NOTES:

- (a) Annual energy input must be reported in TJ to 1 decimal places
- (b) Annual emissions to air must be reported to 2 decimal places and exclude start-up and shut-down
- (c) All forms must be saved in the format IED AR1—DEFRA IED LCP Number - Inventory Year i.e. IED AR1-XXX-2013
- (d) No PDF documents shall be accepted
- (e) Upload Forms held on GOV.UK will be accepted other variants of the forms will be automatically rejected which may impact their statutory obligations to report on time

RELEASES TO AIR
ANNUAL RETURN
OPERATING HOURS

Operator: RWE Generation UK
Location: *Aberthaw Power Station*
Permit/Variation Number: EPR/RP3133LD
Form: IED HR1
15/10/2016

Year: 2016	LCP 283 (hours)	Bypass (hours)	LCP 423 (hours)	Bypass (hours)
Annual Operating Hours ^{(a), (b)}	6222.51		5.23	
Cumulative Operating Hours ^{(c), (d)}				
Derogated annual hours ^(e)				
Five year rolling average ^(f)				

NOTES:

(a) Annual operating hours for every LCP from 1-Jan in calendar year. (For gas turbines with a Bypass stack, include the Bypass stack operating hours during normal operation even though these are reported separately).

(b) For gas turbines with a Bypass stack, report Bypass operating hours from 1-Jan in calendar year, excluding Start-Up and Shut-down, in the adjacent column (labelled Bypass) which may be deleted if not applicable.

(c) Cumulative operating hours from 1-Jan-2016 for LCP subject to a Limited Lifetime Derogation or a 10,000h monitoring derogation. (For gas turbines with a Bypass stack, include the Bypass stack operating hours during normal operation even though these are reported separately).

(d) For gas turbines with a Bypass stack, report Bypass Cumulative operating hours from 1-Jan-2016 if subject to a separate 10,000h monitoring derogation, in the adjacent column (labelled Bypass).

(e) Annual operating hours in calendar year from entry date (in first year as applicable) or from 1-Jan in calendar year, for each 1,500h ELV derogated Unit/LCP only.

(f) Five year running average from entry date for each 1,500h derogated Unit/LCP only.

(g) General note: hours are reported as a decimal number to two decimal places.

Signed on behalf of the Operator by: *A. Zaitshen*
Date of return: 14 March 2017