

RELEASES TO AIR

QUARTERLY RETURN

CUMULATIVE ROLLING MALFUNCTION AND BREAKDOWN HOURS (12 MONTH PERIOD)^(a)



Operator: RWE Generation UK

Form: IED BD1

Location: Aberthaw Power Station

Permit/Variation Number: EPR/RP3133LD

Year: 2018		SO ₂		NO _x		Dust	
LCP: LCP 283							
Month ^(b)		Malfunction (hours)	Breakdown (hours)	Malfunction (hours)	Breakdown (hours)	Malfunction (hours)	Breakdown (hours)
Jan 2018		0	0	0	0	0	0
Feb 2018		0	0	0	0	0	0
Mar 2018		0	0	0	0	0	0
Month 4							
Month 5							
Month 6							
Month 7							
Month 8							
Month 9							
Month 10							
Month 11							
Month 12							
Annual cap (hours)		120	120	120	120	120	120

NOTES:

- (a) Cumulative rolling malfunction and breakdown hours (12 month period) updated monthly
(b) Insert the relevant months for the preceding 12 month period, e.g., starting with March 2018
(c) Gas turbines with CO abatement only (columns may be deleted)

Signed on behalf of the Operator by:

R. T. Powell

Date of return:

06 April 2018

RELEASES TO AIR

QUARTERLY RETURN

MONTHLY MEAN, MAXIMUM DAILY MEAN AND ANNUAL PERCENTILE CONCENTRATIONS ^{(a),(b),(c)}

Operator: RWE Generation UK

Form:

IED COM (Utility boilers)

Location: Aberthaw Power Station

Permit/Variation Number: EPR/RP3133LD

Year: 2018 LCP: LCP 283		SO ₂ (mg/m ³)		NO _x (mg/m ³)		Dust (mg/m ³)		Monthly	
Month	Monthly Mean	Max Daily Mean	Monthly Mean	Max Daily Mean	Monthly Mean	Max Daily Mean ^(f)	Fuel S %	FGD Eff % ^(g)	
January	188.15	265.78	397.49	486.87	9.76	19.44			
February	147.14	275.92	445.95	482.44	14.90	17.55			
March	154.60	304.93	427.45	477.91	17.58	21.70			
April									
May									
June									
July									
August									
September									
October									
November									
December									
Monthly ELV/Daily ELV ^(a)	350.00	#N/A	500.00	#N/A	20.00	#N/A			
Annual 95 th Percentile ^(b)	Annual Only	299.78	Annual Only	482.44	Annual Only	19.44			
Annual Percentile ELV ^(b)	#N/A	440.00	#N/A	605.00	#N/A	35.00			

NOTES:

(a) All concentration data are based on validated hourly average concentrations excluding start-up and shut-down and periods of malfunction or breakdown of abatement equipment

(b) Annual percentiles of hourly average concentrations are submitted with the final return (Quarter 4)

(c) Reference conditions. Solid fuel: 8% O₂ (dry) Liquid fuel: 3% O₂ (dry) at 273.15K, 101.325 kPa

(d) Required for indigenous fuel derogation only - state target removal efficiency as the ELV (if applicable)

(e) Leave the Daily ELV blank if this is applied as a 95th percentile ELV within the Permit

(f) For each pollutant, report the Annual 95th percentile of hourly averages in the first column and, if applicable, Annual 95th percentile of daily means in the second column

(g) For each pollutant, report Annual 95th percentile ELV for hourly averages in the first column and, if applicable, Annual 95th percentile ELV for daily means in the second column

Signed on behalf of the Operator by:

R Powell

Date of return:

06 April 2018