

RELEASES TO AIR

QUARTERLY RETURN

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

OPERATOR: Uskmouth Power Company

FORM: IED CON1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

Year:	2016	SO ₂ (mg/m ³)		NO _x (mg/m ³)		Dust (mg/m ³)		Monthly	
LCP:	312								
Month		Monthly Mean	Max Daily Mean	Monthly Mean	Max Daily Mean	Monthly Mean	Max Daily Mean ^(f)	Fuel S %	FGD Eff ^(d) %
January		288.31	387.38	335.29	452.68	4.94	15.45		
February		250.93	331.72	350.01	419.80	7.81	14.95		
March		247.98	381.17	340.83	462.90	10.99	16.97		
April		246.97	467.67	393.66	633.33	4.96	15.54		
May		278.41	325.63	415.74	456.32	3.22	3.87		
June		283.65	323.42	438.41	537.06	2.45	3.32		
July		318.55	474.63	357.77	530.10	3.79	8.86		
August		306.70	431.19	344.38	475.47	4.58	5.80		
September		287.01	385.52	436.14	510.81	6.73	17.57		
October		286.99	373.83	430.78	590.32	6.60	11.45		
November		302.76	357.79	416.26	528.85	4.95	12.10		
December		225.96	303.60	430.00	571.63	4.71	7.02		
Monthly ELV/Daily ELV ^(e)		350		450		20			
Annual 95th Percentile ^(f)			352.74		509.58		12.98		
Annual Percentile ELV ^(g)			440.00		550.00		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 concentration are submitted with the final return(quarter 4)

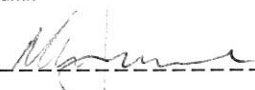
(c) Reference conditions :Solid fuel: 6% O₂ (Dry)Liquid fuels: 3% O₂ (Dry) at 273.15K, 101.325 kPa

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

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

(f) For each pollutant, report 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  _____

Date of return: 21/02/2017