

RELEASES TO AIR

QUARTERLY RETURN

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

OPERATOR: Uskmouth Power Company

FORM: IED BD1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

Year: 2016	SO ₂		Nox		Dust	
LCP: 312						
Month ^(b)	Malfunction (hours)	Breakdown (hours)	Malfunction (hours)	Breakdown (hours)	Malfunction (hours)	Breakdown (hours)
Month 1						
Month 2						
Month 3						
Month 4	4.00		3.00			
Month 5						
Month 6						
Month 7	9.00					
Month 8						
Month 9						
Month 10			50.00			
Month 11						
Month 12			3.00			
Annual Cap Hours	120	120	120	120	120	120

NOTES:

(a) Cumulative rolling hours malfunction and breakdown hours (12 month Period) updated monthly

(b) Insert the relevant months for the prededing 12 month period, E.G., starting with March 2016

Signed on behalf of the Operator by 

Date of return: 24022017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

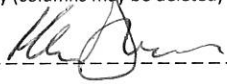
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown	M					
	Normal Operation						
Date:	7th April 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00						
	01:00						
	02:00						
	03:00						
	04:00						
	05:00						
	06:00						
	07:00						
	08:00						
	09:00						
	10:00						
	11:00						
	12:00						
	13:00						
	14:00						
	15:00						
	16:00	494.24	N				
	17:00	481.53	N				
	18:00	476.15	N				
	19:00	449.32	N				
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)		467	5				
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22/04/2017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA ^{(A)(B)(C)}

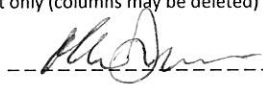
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown Normal Operation			M			
Date:	20th April 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00						
	01:00						
	02:00						
	03:00						
	04:00						
	05:00						
	06:00						
	07:00						
	08:00			659.33	N		
	09:00			709.92	N		
	10:00			703.12	N		
	11:00						
	12:00						
	13:00						
	14:00						
	15:00						
	16:00						
	17:00						
	18:00						
	19:00						
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)				633	4		
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22/04/2017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

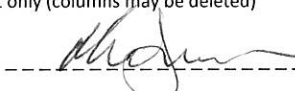
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown	M					
	Normal Operation						
Date:	27th July 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00						
	01:00						
	02:00						
	03:00						
	04:00						
	05:00						
	06:00						
	07:00						
	08:00	516.52					
	09:00	471.02					
	10:00	523.48					
	11:00	517.44					
	12:00	531.05					
	13:00	483.8					
	14:00	504.14					
	15:00	571.25					
	16:00	479.89					
	17:00						
	18:00						
	19:00						
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)		474.63	12				
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22/04/2017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

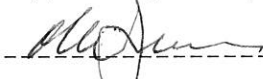
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown Normal Operation			M			
Date:	22nd October 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00						
	01:00			667.09			
	02:00			677.91			
	03:00			685.3			
	04:00			730.82			
	05:00			697.53			
	06:00			598.21			
	07:00						
	08:00						
	09:00						
	10:00						
	11:00			560.44			
	12:00			587.92			
	13:00			574.39			
	14:00			582.49			
	15:00			551.73			
	16:00			556.05			
	17:00			582.28			
	18:00			672.54			
	19:00						
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)				588.13	24		
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22/02/2017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

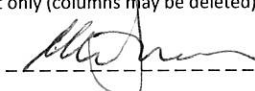
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown			M			
	Normal Operation						
Date:	23rd October 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00			582.93			
	01:00			587.32			
	02:00			630.02			
	03:00			717.2			
	04:00			738.62			
	05:00			713.49			
	06:00			699.57			
	07:00						
	08:00						
	09:00			568.9			
	10:00			560.79			
	11:00			709.99			
	12:00			595.89			
	13:00			605.49			
	14:00			628.84			
	15:00			574.92			
	16:00						
	17:00						
	18:00						
	19:00						
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)				584.32	23		
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22.10.2017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown Normal Operation			M			
Date:	24th October 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00			567.84			
	01:00			602.63			
	02:00			579.65			
	03:00			597.71			
	04:00			638.85			
	05:00			616.13			
	06:00			602.72			
	07:00			555.15			
	08:00			604.35			
	09:00			575.12			
	10:00			553.34			
	11:00						
	12:00						
	13:00						
	14:00						
	15:00						
	16:00						
	17:00						
	18:00						
	19:00						
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)				590.32	11		
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22/10/2017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

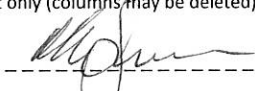
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP:	312						
Type:	Malfunction/Breakdown			M			
	Normal Operation						
Date:	26th October 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00						
	01:00						
	02:00						
	03:00						
	04:00						
	05:00						
	06:00						
	07:00			645.01			
	08:00			635.82			
	09:00						
	10:00						
	11:00			593.52			
	12:00			667.66			
	13:00			581.82			
	14:00			603.83			
	15:00			620.94			
	16:00			573.33			
	17:00			566.84			
	18:00			575.16			
	19:00			696.79			
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)				578.63	16		
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 24042017

RELEASES TO AIR

RETURN OF DAILY MALFUNCTION AND BREAKDOWN DATA^{(A)(B)(C)}

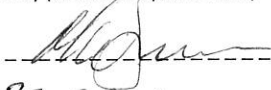
OPERATOR: Uskmouth Power Company FORM IED MF1

LOCATION: Newport

PERMIT/VARIATION NUMBER: LP3131SW/V002

LCP	312						
Type:	Malfunction/Breakdown Normal Operation			M			
Date:	25th December 2016	SO ₂	Excluded	NO _x	Excluded	Dust	Excluded
Hour:	Start Time	mg/m ³	Y/N	mg/m ³	Y/N	mg/m ³	Y/N
	00:00						
	01:00						
	02:00						
	03:00						
	04:00						
	05:00						
	06:00						
	07:00						
	08:00						
	09:00			626.07			
	10:00			637.38			
	11:00			614.04			
	12:00						
	13:00						
	14:00						
	15:00						
	16:00						
	17:00						
	18:00						
	19:00						
	20:00						
	21:00						
	22:00						
	23:00						
Daily		Average	No.Hours	Average	No.Hours	Average	No.Hours
Without data exclusion (all of the above data)				571.63	5		
With data exclusion (reportable data only)							

- Notes:
- a) Produce a return for each day which has data exclusion due to Malfunction or Breakdown
 - b) All data based on hourly average validated concentrations (confidence interval subtracted)
 - c) Reference conditions : mg/m³ dry 273.15K, 101.325 kPa Solid fuel: 6% O₂ Liquid and gaseous fuels: 3% O₂ gas turbines 15% O₂
 - d) Gas Turbines with abatement only (columns may be deleted)

Signed on behalf of the Operator by: 

Date of return: 22/02/2017