

RELEASES TO AIR

QUARTERLY RETURN

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

OPERATING MODE:

Operator: Siemens O&M for Calon Energy

Location: Severn CCGT A1, Unit 10

Permit/Variation Number: EPR/HP3737UE/V005

Form: IED CON2

Version/date: v.10.9 Dec 2015

Huw Edwards

24 JAN 2019

EHS Manager

Hu Edwards

Year: 2018	LCP 324: UNIT 10							
	NOx (mg/m3)			Max Hourly Average	CO (mg/m3)			95% of hourly means
Month	Monthly Mean	Max Daily Mean	Part Load Max Daily Mean		Monthly Mean	Max Daily Mean	Part Load Max Daily Mean	
January	14.92	18.28	17.59	21.18	0.11	0.31	8.03	0.4
February	14.11	18.23	17.46	21.88	0.14	0.33	1.87	0.4
March	15.41	24.2	22.5	28.72	0.16	0.46	3.19	0.5
April	14.19	17.2	15.99	19.78	0.09	0.29	5.11	0.4
May	13.05	15.44	14.72	19.72	0.28	2.32	13.61	2.1
June	17.1	25.29	24.19	31.45	0.07	0.21	4.19	0.3
July	18.08	22.68	22.68	27.52	0.07	0.27	4.78	0.4
August	18.41	20.99	20.12	25.14	0.04	0.1	3.78	0.3
September	19.44	22.4	20.8	25.79	0.03	0.08	9.58	0.2
October	21.98	29.47	29.47	34.63	0.06	0.25	7.57	0.4
November	24.02	28.01	28.01	34.02	0.09	0.29	7.47	0.4
December	22.71	26.62	26.23	30.29	0.11	0.43	11.08	0.5
Monthly ELV Daily ELV (f)	50	50	50	100	100	110	110	N/A
Annual 95th Percentile (g)	26.2	25.09			0.43	0.29		
Annual Percentile ELV (h)	75				100			

Confidence adjusted values

Compiled: 14/01/19

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OPERATING MODE:

Operator: Siemens O&M for Calon Energy

Form: IED CON2

Location: Severn CCGT A2, Unit 20

Version/date: v.10.9 Dec 2015

Permit/Variation Number: EPR/HP3737UE/V005

Year: 2018	LCP 325: UNIT 20							
	NOx (mg/m3)				CO (mg/m3)			
Month	Monthly Mean	Max Daily Mean	Part Load Max Daily Mean	Max Hourly Average	Monthly Mean	Max Daily Mean	Part Load Max Daily Mean	95% of hourly means
January	19.04	26.28	25.9	29.99	0.99	3.39	5.62	3.2
February	15.23	16.78	18.33	21.15	0.37	0.54	12.18	0.8
March	15.3	18.59	22.44	22.71	0.33	0.51	8.88	0.8
April	14.45	17.85	16.75	19.88	0.44	0.79	8.76	1.1
May	12.29	15.62	15.72	23.25	0.16	0.4	5.45	0.7
June	14.77	21.41	21.41	28.82	0.4	0.85	4.69	1.3
July	15.65	19.9	19.37	25.76	0.3	0.75	2.57	1.1
August	16.88	18.26	17.86	21.74	0.22	0.4	7.86	0.7
September	16.52	17.6	17.77	22	0.19	0.3	7.9	0.8
October	16.28	21.64	21.64	26.29	0.32	0.95	6.37	1
November	18.2	20.6	22.48	25.3	0.36	0.75	8.12	0.8
December	17.37	20.15	21.06	25.34	0.44	1.07	8.55	1
Monthly ELV Daily ELV (f)	50	50	50	100	100	110	110	N/A
Annual 95th Percentile (g)	22.34	20.72			1.37	0.89		
Annual Percentile ELV (h)	75				100			