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

Year: 2019	LCP 324: UNIT 10							
	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	22.64	32.96	33.21	40.73	0.15	0.6	19.19	0.5
February	22.2	30.15	30	36.52	0.11	0.27	6.57	0.5
March	23.82	28.78	31.79	30.81	0.16	0.47	12.49	0.5
April	23.67	27.17	28.53	29.54	0.09	0.37	5.35	0.5
May	25.66	27.39	27.39	31.29	0.05	0.29	5.57	0.3
June	22.41	27.19	27.02	28.96	0.04	0.13	2.37	0.3
July	25.88	32.31	27.81	34.35	0.08	0.37	1.98	0.5
August	24.81	29.21	28.84	31.81	0.04	0.09	8.34	0.3
September	Unit did not operate during month							
October	22.81	26.76	25.38	27.46	0.04	0.23	3.71	0.3
November	23.58	28.84	28.67	32.04	0.14	0.48	3.88	0.5
December	26.3	32.93	32.79	33.93	0.12	0.28	5.85	0.5
Monthly ELV Daily ELV (f)	50	50	50	100	100	110	110	N/A
Annual 95th Percentile (g)	30.22	29.27			0.48	0.29		
Annual Percentile ELV (h)	75				100			

Confidence adjusted values

Signed on behalf of the Operator by: Nikki Burge

Compiled:
10/01/2020

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 **Form:** IED CON2

Location: Severn CCGT A2, Unit 20 Version/date: v.10.9 Dec 2015

Permit/Variation Number: EPR/HP3737UE/V005

Year: 2019	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	17.62	22.59	22.59	27.47	0.38	1.03	28.59	1.1
February	17.21	19.77	20.06	24.35	0.42	0.65	15.21	0.9
March	16.83	18.03	19.69	20.62	0.44	0.7	11.41	0.8
April	16.9	19.88	21.24	22.93	0.27	0.51	20.36	0.8
May	17.81	20.4	20.98	24	0.29	0.56	6.28	0.9
June	17.61	20.32	19.66	24.68	0.28	0.74	9.23	0.9
July	19.82	24.54	23.53	28.09	0.5	0.84	2.53	1.4
August	17.84	22.9	22.9	29.87	0.43	0.9	3.56	1.4
September	18.67	22.94	22.87	28.29	0.31	0.76	4.11	1
October	18.79	20.9	24.03	27.81	0.19	0.47	3.07	0.7
November	19.69	22.49	21.92	25.86	0.28	0.46	1.51	0.8
December	21.04	22.22	27.04	24.1	0.2	0.91	10.83	0.7
Monthly ELV Daily ELV (f)	50	50	50	100	100	110	110	N/A
Annual 95th Percentile (g)	23.51	22.07			1.01	0.69		
Annual Percentile ELV (h)	75				100			

Confidence adjusted values

Compiled: 10/01/2020

Signed on behalf of the Operator by: Nikki Burge

