RELEASES TO AIR

QUARTERLY RETURN

MONTHLY MEAN, MAXIMUM DAILY MEAN AND ANNUAL PERCENTILE CONCENTRATIONS [a],[b],[c]

OPERATING MODE: Open Cycle OCGT Mode

Operator: Centrica Barry Ltd **Form:** IED CON2 (Gas Turbines)

Location: Barry Power Station

Permit/Variation Number: JP3333LV/0004

Year: 2019	LCP: 43					
	NO_x (mg/m^3)			CO (mg/m^3)		
Month	Monthly Mean (d)	Max Daily Mean (d)	Part Load Max Daily Mean (e)	Monthly Mean (d)	Max Daily Mean (d)	Part Load Max Daily Mean (e)
January	16.463	20.58		0.39	0.43	
February	0	0		0	0	
March	0	0		0	0	
April						
May						
June						
July						
August						
September						
October						
November						
December						
Monthly ELV/Daily ELV [f]						
Annual 95th Percentile [g]						
Annual Percentile ELV [h]						

NOTES:

(a) All data based on validated hourly average concentrations, excluding start-up and shut-down and

(b) Annual percentiles are submitted with the final return (Quarter 4)

(c) Extend report to cover the required number of LCP on each site and repeat report for each separately regulated Operating Mode as required, e.g., Combined Cycle, Open Cycle, Supplementary firing, Auxiliary firing

(d) Averages determined at loads in the range 70% < Load ≤ 100% ISO base load and above

(e) Averages determined (including part load) in the range MSUL* < Load ≤ 100% ISO base load and above (* For a 3 parameter approach, from the point of Start-Up to the point of Shut-down)

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

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

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

Signed on behalf of the Operator by: A Martinson

Date of return: 5-4-19