

Permit Number: RP3133LD Operator: RWE Generation UK
Installation: Aberthaw Power Station Form Number: Performance1: 30/11/07

Reporting of other performance indicators for the period ... 1st January 2015.... to ...31st December 2015.....

Parameter	Units
Power generated	8,104 GWh
Water usage	1,478,100 m ³
Thermal efficiency	39.68 %

Operator's comments :
Power generated and thermal efficiency are based on Gross Generation where works power has not been deducted (whether generated on site or imported).
Water usage is based on abstraction from Ely Wells, St Lythans supplement and Town Mains water to Station.

Signed *A. Zambor* Date *22/03/16*
(Authorised to sign as representative of Operator)

Reporting of trace element content of delivered coal for the period from...1st January 2015...to... 31st December 2015...

Operator: RWE Generation Form: Coal1 /30/11/07

Location: Aberthaw Version: V.6 Nov 2006

Permit/Variation Number: RP3133LD

Coal source	Substance / Parameter	Emission Limit Value	Result ^{(1),(5)} (ug/g)	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Accreditation/ Certification ⁽⁴⁾	Uncertainty ⁽⁵⁾
Weighted average of coal diet used during 2015	Mercury	-	0.122		Weighted average of coal diet used during 2015		
	Cadmium	-	0.09				
	Copper	-	31.7				
	Arsenic	-	6.7				
	Boron	-	26.0				
	Nickel	-	60.8				
	Lead	-	13.5				
	Vanadium	-	32.4				
	Chromium	-	19.6				
	Zinc	-	15.1				
	Selenium	-	1.29				
	Iron	-	9754				
	Aluminium	-	24525				
	Manganese	-	133.5				
	Molybdenum	-	2.59				
	Fluorine	-	87.2				
	Uranium	-	1.28				
	Antimony	-	0.99				
Weighted average of coal diet used during 2015	Beryllium	-	1.51				
	Tin	-	1.23				
	Cobalt	-	12.3				
	Titanium	-	1034				
	Thallium	-	0.71				
	Ash	-	142454				

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum - maximum' measured values.
[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.
[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.
[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.
[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed A. J. J. J. J. Date 22/03/16
(authorised to sign as representative of the Operator)