

# Monthly Data Summary

## LIDDELL MONTHLY DATA SUMMARY OCTOBER 2014

LICENCE NO	2122
LICENCE HOLDER	AGL MACQUARIE
REPORTING PERIOD	01 / 10/ 2014 to 31 / 10/ 2014

### A1 Licence Holder

Licence Number 2122  
Licence Holder AGL MACQUARIE  
Trading Name (if applicable)  
ABN 18 167 859 494

### A2 Premises to which Licence Applies (if applicable)

Common Name (if any) LIDDELL POWER STATION  
Premises NEW ENGLAND HIGHWAY MUSWELLBROOK NSW 2333

### A3 Activities to which Licence Applies

Electricity Generating Works  
Coal Works

### A4 Other Activities (if applicable)

Helicopter-related facilities  
Chemical storage  
Operation of Emergency 1.5 MW diesel generator  
Operation of Gas turbine  
Sewage treatment  
Waste storage

### A5 Fee-Based Activity Classifications

**Note** that the fee based activity classification is used to calculate the administrative fee.

Fee-based activity	Activity scale	Unit of measure
Coal works	> 5,000,000.00	T handled
Generation of electrical power from coal	> 4,000.00	Gwh generated

# Monthly Data Summary

## Discharge & Monitoring Point 7

301204 East 6416350 North

### Discharge to Air

In the flue gases of unit 1 boiler labelled as "Unit 1 Boiler 1-2 Chimney Stack" on plan no. LD 800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Oct-14	7/11/2014	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	502	709	910	1500	Note
Oct-14	7/11/2014		parts per million			245	345	444	700	Note
Oct-14	7/11/2014	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	625	1019	1405	1600	Note
Oct-14	7/11/2014		parts per million			219	356	492	600	Note
Oct-14	7/11/2014	Opacity	percent %	Continuous	>99%	5.0	9.7	15.2	20.0%	Note

**Comments:**

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

## Discharge & Monitoring Point 8

301204 East 6416350 North

In the flue gases of unit 2 boiler labelled as "Unit 2 Boiler 1-2 Chimney Stack" on plan no LD800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Oct-14	7/11/2014	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	362	586	870	1500	Note
Oct-14	7/11/2014		parts per million			176	285	424	700	Note
Oct-14	7/11/2014	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	650	1047	1458	1600	Note
Oct-14	7/11/2014		parts per million			227	366	510	600	Note
Oct-14	7/11/2014	Opacity	percent %	Continuous	>99%	0.8	2.3	9.8	20.0%	Note

**Comments:**

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

# Monthly Data Summary

## Discharge & Monitoring Point 9

301204 East 6416350 North

In the flue gases of unit 3 boiler labelled as "Unit 3 Boiler 3-4 Chimney Stack" on plan no LD800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Oct-14	7/11/2014	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	296	412	638	1500	Note
Oct-14	7/11/2014		parts per million			144	201	311	700	Note
Oct-14	7/11/2014	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	726	956	1245	1600	Note
Oct-14	7/11/2014		parts per million			254	335	435	600	Note
Oct-14	7/11/2014	Opacity	percent %	Continuous	>99%	5.0	7.0	12.0	20.0%	Note

**Comments:**

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

## Discharge & Monitoring Point 10

301204 East 6416350 North

In the flue gases of unit 4 boiler labelled as "Unit 4 Boiler 3-4 Chimney Stack" on plan no LD800474 amended 03 and dated 6/5/2003

Month	Date of Publication	Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value	EPL Limit	Notes
Oct-14	7/11/2014	Nitrogen Oxides	milligrams per cubic meter	Continuous	>99%	209	437	613	1500	Note 1
Oct-14	7/11/2014		parts per million			102	213	299	700	Note1
Oct-14	7/11/2014	Sulphur dioxide	milligrams per cubic metre	Continuous	>99%	689	1078	1322	1600	Note 1
Oct-14	7/11/2014		parts per million			241	377	462	600	Note 1
Oct-14	7/11/2014	Solid Particles	percent Opacity	Continuous	>99%	3.6	5.2	10.1	20.0%	Note 1

**Comments:**

Note - Results from continuous emission monitor located on chimney stack, as part of EPL 2122

# Monthly Data Summary

C2	Details of Non-Compliance with Licence
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Nil
Summary of particulars of the non-compliance ( <b>NO MORE THAN 50 WORDS</b> )
NA
If required, further details on particulars of non-compliance
NA
Date(s) when the non-compliance occurred, if applicable
NA
If applicable, registration numbers of any vehicles or the chassis number of any mobile plant involved in the non-compliance
NA
Cause of non-compliance
NA
Action taken or that will be taken to mitigate any adverse effects of the non-compliance
NA
Action taken or that will be taken to prevent a recurrence of the non-compliance
NA