

Monthly Data Summary

LIDDELL MONTHLY DATA SUMMARY NOVEMBER 2014

| | |
|------------------|--------------------------------|
| LICENCE NO | 2122 |
| LICENCE HOLDER | AGL MACQUARIE |
| REPORTING PERIOD | 01 / 11/ 2014 to 30 / 11/ 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 |
|--------|---------------------|-----------------|----------------------------|------------------------------------|---|---------------------|----------------|----------------------|-----------|-------|
| Nov-14 | 12/12/2014 | Nitrogen Oxides | milligrams per cubic meter | Continuous | >99% | 455 | 647 | 807 | 1500 | Note |
| Nov-14 | 12/12/2014 | | parts per million | | | 221 | 315 | 393 | 700 | Note |
| Nov-14 | 12/12/2014 | Sulphur dioxide | milligrams per cubic metre | Continuous | >99% | 862 | 1047 | 1335 | 1600 | Note |
| Nov-14 | 12/12/2014 | | parts per million | | | 302 | 366 | 467 | 600 | Note |
| Nov-14 | 12/12/2014 | Opacity | percent % | Continuous | >99% | 3.6 | 8.3 | 16.9 | 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 |
|--------|---------------------|-----------------|----------------------------|------------------------------------|---|---------------------|----------------|----------------------|-----------|-------|
| Nov-14 | 12/12/2014 | Nitrogen Oxides | milligrams per cubic meter | Continuous | >99% | 290 | 509 | 667 | 1500 | Note |
| Nov-14 | 12/12/2014 | | parts per million | | | 141 | 248 | 325 | 700 | Note |
| Nov-14 | 12/12/2014 | Sulphur dioxide | milligrams per cubic metre | Continuous | >99% | 738 | 1047 | 1229 | 1600 | Note |
| Nov-14 | 12/12/2014 | | parts per million | | | 258 | 366 | 430 | 600 | Note |
| Nov-14 | 12/12/2014 | Opacity | percent % | Continuous | >99% | 0.2 | 1.6 | 3.9 | 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 |
|--------|---------------------|-----------------|----------------------------|------------------------------------|---|---------------------|----------------|----------------------|-----------|-------|
| Nov-14 | 12/12/2014 | Nitrogen Oxides | milligrams per cubic meter | Continuous | >99% | 37 | 489 | 776 | 1500 | Note |
| Nov-14 | 12/12/2014 | | parts per million | | | 18 | 238 | 378 | 700 | Note |
| Nov-14 | 12/12/2014 | Sulphur dioxide | milligrams per cubic metre | Continuous | >99% | 5 | 931 | 1348 | 1600 | Note |
| Nov-14 | 12/12/2014 | | parts per million | | | 2 | 326 | 472 | 600 | Note |
| Nov-14 | 12/12/2014 | Opacity | percent % | Continuous | >99% | 2.5 | 5.0 | 9.2 | 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 |
|--------|---------------------|-----------------|----------------------------|------------------------------------|---|---------------------|----------------|----------------------|-----------|--------|
| Nov-14 | 12/12/2014 | Nitrogen Oxides | milligrams per cubic meter | Continuous | >99% | 314 | 575 | 773 | 1500 | Note 1 |
| Nov-14 | 12/12/2014 | | parts per million | | | 153 | 280 | 377 | 700 | Note1 |
| Nov-14 | 12/12/2014 | Sulphur dioxide | milligrams per cubic metre | Continuous | >99% | 1020 | 1160 | 1357 | 1600 | Note 1 |
| Nov-14 | 12/12/2014 | | parts per million | | | 357 | 406 | 475 | 600 | Note 1 |
| Nov-14 | 12/12/2014 | Solid Particles | percent Opacity | Continuous | >99% | 4.1 | 6.1 | 10.3 | 20.0% | Note 1 |

Comments:

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

Monthly Data Summary

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|----|--|
| C2 | Details of Non-Compliance with Licence |
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| |
|--|
| Nil |
| Summary of particulars of the non-compliance (NO MORE THAN 50 WORDS) |
| 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 |