

# CEM - 2013 (Quarterly)

British Columbia Hydro and Power Authority

Permit: 0330 / Due Date: April 30, 2013

01A - Power boiler #1	
<b>Nitrogen Oxides</b>	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	0.00 hours
Permitted Flow Limit:	7600.00 m3/min
Contaminant Permit Limit:	52.0000 mg/m3
Minimum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Minimum Hourly Average Test Result:	January 01, 2013
Maximum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Maximum Hourly Average Test Result:	January 01, 2013
Average of Test Results Over the Quarter:	0.000 mg/m3
98th Percentile Value:	0.000 mg/m3
Data Recovery:	100.000 %
Comments:	Unit 1 did not operate during this quarter
01B - Power boiler #1	
<b>Nitrogen Oxides</b>	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	0.00 hours
Permitted Flow Limit:	7600.00 m3/min
Contaminant Permit Limit:	35.0000 mg/m3
Minimum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Minimum Hourly Average Test Result:	January 01, 2013
Maximum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Maximum Hourly Average Test Result:	January 01, 2013
Average of Test Results Over the Quarter:	0.000 mg/m3
98th Percentile Value:	0.000 mg/m3
Data Recovery:	100.000 %
Comments:	Unit 1 did not operate during this quarter

<b>02A - Power boiler #2</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	Unit 2 did not operate during this quarter
<b>02B - Power boiler #2</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	Unit 2 did not operate during this quarter

<b>03A - Power boiler #3</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	Unit 3 did not operate during this quarter
<b>03B - Power boiler #3</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	Unit 3 did not operate during this quarter

<b>04A - Power boiler #4</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	11.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	9.300 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	March 27, 2013
<b>Maximum Hourly Average Test Result:</b>	30.300 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 14, 2013
<b>Average of Test Results Over the Quarter:</b>	25.845 mg/m3
<b>98th Percentile Value:</b>	29.880 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	
<b>04B - Power boiler #4</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	11.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	2.500 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 14, 2013
<b>Maximum Hourly Average Test Result:</b>	5.200 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 14, 2013
<b>Average of Test Results Over the Quarter:</b>	3.591 mg/m3
<b>98th Percentile Value:</b>	5.100 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	

<b>05A - Power boiler #5</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	97.000 %
<b>Comments:</b>	Unit 5 did not generate > 45 MW during this quarter
<b>05B - Power boiler #5</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	January 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	January 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	Unit 5 did not generate > 45 MW during this quarter

<b>06A - Power boiler #6</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	16.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	15.800 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	March 01, 2013
<b>Maximum Hourly Average Test Result:</b>	30.400 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	March 01, 2013
<b>Average of Test Results Over the Quarter:</b>	25.344 mg/m3
<b>98th Percentile Value:</b>	30.280 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	
<b>06B - Power boiler #6</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	January 1 - March 31
<b>Total Hours of Data Collected:</b>	16.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	19.800 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	February 28, 2013
<b>Maximum Hourly Average Test Result:</b>	29.600 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	March 01, 2013
<b>Average of Test Results Over the Quarter:</b>	26.175 mg/m3
<b>98th Percentile Value:</b>	29.600 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	