

CEM - 2011 (Quarterly)

British Columbia Hydro and Power Authority
Permit: 0330 / Due Date: Jan 30 2011

01A - Power boiler #1	
Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	0 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	52 mg/m3
Minimum Hourly Average Test Result:	0 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Oct 01 2010
Maximum Hourly Average Test Result:	0 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Oct 01 2010
Average of Test Results Over the Quarter:	0 mg/m3
98th Percentile Value:	0 mg/m3
Data Recovery:	100 %
Comments:	Unit 1 did not operate during this quarter
01B - Power boiler #1	
Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	0 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	35 mg/m3
Minimum Hourly Average Test Result:	0 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Oct 01 2010
Maximum Hourly Average Test Result:	0 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Oct 01 2010
Average of Test Results Over the Quarter:	0 mg/m3
98th Percentile Value:	0 mg/m3
Data Recovery:	100 %
Comments:	unit 1 did not operate during this quarter
02A - Power boiler #2	
Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	0 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	52 mg/m3
Minimum Hourly Average Test Result:	0 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Oct 01 2010
Maximum Hourly Average Test Result:	0 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Oct 01 2010
Average of Test Results Over the Quarter:	0 mg/m3
98th Percentile Value:	0 mg/m3
Data Recovery:	100 %
Comments:	Unit 2 did not operate this quarter
02B - Power boiler #2	
Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	0 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	35 mg/m3

Minimum Hourly Average Test Result:	0 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Oct 01 2010
Maximum Hourly Average Test Result:	0 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Oct 01 2010
Average of Test Results Over the Quarter:	0 mg/m3
98th Percentile Value:	0 mg/m3
Data Recovery:	100 %
Comments:	Unit 2 did not run this quarter

03A - Power boiler #3

Nitrogen Oxides

Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	1 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	52 mg/m3
Minimum Hourly Average Test Result:	26.8 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Dec 10 2010
Maximum Hourly Average Test Result:	26.8 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Dec 10 2010
Average of Test Results Over the Quarter:	26.8 mg/m3
98th Percentile Value:	26.8 mg/m3
Data Recovery:	100 %
Comments:	

03B - Power boiler #3

Nitrogen Oxides

Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	1 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	35 mg/m3
Minimum Hourly Average Test Result:	10.1 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Dec 10 2010
Maximum Hourly Average Test Result:	10.1 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Dec 10 2010
Average of Test Results Over the Quarter:	10.1 mg/m3
98th Percentile Value:	10.1 mg/m3
Data Recovery:	100 %
Comments:	

04A - Power boiler #4

Nitrogen Oxides

Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	64 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	52 mg/m3
Minimum Hourly Average Test Result:	3.4 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Nov 20 2010
Maximum Hourly Average Test Result:	48.6 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Nov 10 2010
Average of Test Results Over the Quarter:	25.806 mg/m3
98th Percentile Value:	36.288 mg/m3
Data Recovery:	100 %
Comments:	

04B - Power boiler #4

Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	64 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	35 mg/m3
Minimum Hourly Average Test Result:	1.7 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Nov 20 2010
Maximum Hourly Average Test Result:	12.3 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Nov 24 2010
Average of Test Results Over the Quarter:	7.063 mg/m3
98th Percentile Value:	12.174 mg/m3
Data Recovery:	100 %
Comments:	

05A - Power boiler #5

Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	119 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	52 mg/m3
Minimum Hourly Average Test Result:	4.6 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Nov 24 2010
Maximum Hourly Average Test Result:	42.6 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Nov 22 2010
Average of Test Results Over the Quarter:	27.749 mg/m3
98th Percentile Value:	34.484 mg/m3
Data Recovery:	100 %
Comments:	

05B - Power boiler #5

Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	119 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	35 mg/m3
Minimum Hourly Average Test Result:	7.4 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Nov 13 2010
Maximum Hourly Average Test Result:	29.2 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Nov 14 2010
Average of Test Results Over the Quarter:	26.269 mg/m3
98th Percentile Value:	28.892 mg/m3
Data Recovery:	100 %
Comments:	

06A - Power boiler #6

Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	81 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	52 mg/m3
Minimum Hourly Average Test Result:	13.7 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Nov 17 2010
Maximum Hourly Average Test Result:	49.6 mg/m3

Date/Time of Maximum Hourly Average Test Result:	Nov 17 2010
Average of Test Results Over the Quarter:	29.547 mg/m3
98th Percentile Value:	43.92 mg/m3
Data Recovery:	100 %
Comments:	
06B - Power boiler #6	
Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	81 hrs
Permitted Flow Limit:	7600 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	35 mg/m3
Minimum Hourly Average Test Result:	9.9 mg/m3
Date/Time of Minimum Hourly Average Test Result:	Oct 20 2010
Maximum Hourly Average Test Result:	32.3 mg/m3
Date/Time of Maximum Hourly Average Test Result:	Nov 21 2010
Average of Test Results Over the Quarter:	24.989 mg/m3
98th Percentile Value:	31.7 mg/m3
Data Recovery:	100 %
Comments:	